



**U S Army Corps
of Engineers**
Huntington District

Public Notice

In reply refer to Public Notice No.

200500421

Issuance Date:

March 2, 2006

Stream:

-UNTribe Two Mile Run

Closing Date:

April 3, 2006

Please address all comments and inquiries to:

U.S. Army Corps of Engineers, Huntington District

ATTN: CELRH-OR-F Public Notice No. (*reference above*)

502 Eighth Street

Huntington, West Virginia 25701-2070

Phone: (304) 399-5210

PUBLIC NOTICE: The purpose of this public notice is to inform you of a proposal for work in which you might be interested. It is also to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest. We hope you will participate in this process.

REGULATORY PROGRAM: Since its early history, the U.S. Army Corps of Engineers (Corps) has played an important role in the development of the nation's water resources. Originally, this involved construction of harbor fortifications and coastal defenses. Later duties included the improvement of waterways to provide avenues of commerce. An important part of our mission today is the protection of the nation's waterways through the administration of the Corps Regulatory Program.

SECTION 10: The Corps is directed by Congress under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) to regulate all work or structures in or affecting the course, condition or capacity of navigable waters of the United States (U.S.). The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

SECTION 404: The Corps is directed by Congress under Section 404 of the Clean Water Act (33 USC 1344) to regulate the discharge of dredged and fill material into all waters of the United States, including wetlands. The intent of the law is to protect the nation's waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical and biological integrity.

TO WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 404 of the Clean Water Act.

APPLICANT: Oxford Mining Company
544 Chestnut Street
PO Box 427
Coshocton, Ohio 43812

LOCATION: The project area is located in jurisdictional waters of the United States in the Two Mile Run, Wills Creek and White Eyes Creek watersheds. The site is located south of Plainfield in Muskingum, Guernsey and Coshocton Counties, Ohio.

DESCRIPTION OF PROPOSED WORK: The applicant proposes to place fill material into waters of the United States in association with the construction of a surface coal mine operation. According to the applicant, the purpose of the project is to recover available coal reserves in the project area.

The project area encompasses a total of approximately 1,321 surface acres. Jurisdictional waters within these limits include 18.58 acres of wetlands, 7.92 acres of open-water impoundments, 0.75 acre of wetland fringe associated with impoundments, 23,446 linear feet of perennial stream, 28,853 linear feet of intermittent stream and 4,894 linear feet of ephemeral stream. Each of these waters was determined to exhibit a hydrologic connection to unnamed tributaries of Two Mile Run, Wills Creek or White Eyes Creek. These streams are tributaries of the Muskingum River, a Section 10 navigable river.

An additional 0.76 acre of wetlands (WL-1, 0.11 acre; WL-2, 0.15 acre; WL-5, 0.35 acre; and WL-13, 0.15 acre) and 329 linear feet of ephemeral stream (stream 109) are located within the project boundaries and do not exhibit a connection to a surface tributary system. Therefore, these waters were determined to be isolated waters of the State of Ohio. While impacts to isolated waters of the State are proposed to occur, these impacts are not regulated under Section 404 of the Clean Water Act.

The applicant proposes to place fill material into jurisdictional streams and wetlands in association with coal extraction, pond construction, blending (e.g. regrading) and road construction. Additionally, waters on-site would be secondarily impacted in association with sediment transport. Under the alternative identified as the minimal degradation alternative, which the applicant indicates is their preferred plan at this time, the mining plan would involve the removal of approximately 2.7 million tons of coal from the Middle Kittanning #6 coal seam over a period of approximately five years. The applicant proposes to extract coal reserves through the methods of contour mining and auger miner, wherein a conventional auger and a highwall miner would be used.

A total of 38,797 linear feet of jurisdictional stream and 4.65 acres of wetlands would be impacted primarily and secondarily in association with the placement of fill material for the purposes described above. Details concerning individual streams proposed to be impacted, their quality (as assessed by the Headwater Habitat Evaluation Index (HHEI) protocol), and purpose of proposed impact are attached (Table 1). Wetlands proposed to be impacted have been determined to be Category 2 and 3, as assessed in accordance with the Ohio Rapid Assessment Method (ORAM) protocol.

MITIGATION: To compensate for proposed impacts to jurisdictional waters of the United States, the applicant has proposed avoidance, minimization and compensation measures. A

conceptual mitigation plan has been submitted for review. A final mitigation plan prepared in accordance with Regulatory Guidance Letter 02-2 and prepared to compensate for the proposed losses of waters on-site has not been submitted.

Under the minimal degradation alternative, the applicant proposes to avoid direct impacts to 18,376 linear feet of stream and 14.68 acres of wetlands on-site. Impacts to waters of the United States on-site and downstream of the project area are proposed to be minimized through implementation of best management practices. Appropriate construction and use of sediment ponds, drainage control structures, diversion ditches, and other best management construction practices are proposed to minimize impacts to waters of the United States.

Compensation for proposed impacts to 38,797 linear feet of jurisdictional stream is proposed to occur through the reconstruction of 27,152 linear feet of stream on-site. Natural stream channel design and establishment of upland riparian corridors along stream channels are proposed. Restored waters would be protected in perpetuity with a conservation easement or other similar restrictive covenant. The applicant proposes to consider off-site mitigation options to compensate for the proposed linear loss of 11,645 linear feet of stream, but has not provided details of this additional mitigation to date.

Compensation for proposed impacts to 4.65 acres of wetlands is proposed to occur through the on-site construction of 4.65 acres of wetlands. These wetlands are proposed to be constructed in the location of seven sediment ponds after mining activities are complete. The applicant proposes to provide 4.63 acres of wetland mitigation off-site. No details of this additional mitigation have been provided to date.

The applicant proposes to monitor hydrology, presence of hydrophytic vegetation and wildlife usage and to complete ORAM scores in association with wetland mitigation. The applicant proposes to assess channel stability, assess survival rates of riparian vegetation and complete HHEI scores in association with stream mitigation. To date, the applicant has not provided information concerning target conditions for each of the monitored parameters that must be obtained to consider the stream and wetland mitigation successful.

ALTERNATIVE ANALYSIS: A total of 4.65 acres of jurisdictional wetlands would be filled as a result of the proposal. The project does not require access to or siting within the wetlands to fulfill its basic purpose and is considered a non-water dependent activity. The Section 404(b)(1) Guidelines state for non-water dependent activities, practicable alternatives that do not involve wetlands are presumed to be available unless clearly demonstrated otherwise. The applicant is required to provide an alternative analysis that must overcome the presumption prior to receiving authorization for the placement of fill material. A final alternative analysis has not been provided to this office for review and will be requested during the evaluation process.

ATTACHMENTS: Plans of the proposed work are attached to this notice.

WATER QUALITY CERTIFICATION: A Section 401 Water Quality Certification is required for this project. It is the applicant's responsibility to obtain that certification from the Ohio Environmental Protection Agency.

HISTORIC & CULTURAL RESOURCES: The applicant has provided information that a Phase I Cultural Resources Management Survey has been conducted within the limits of the proposed 1321 acre site. Based on this survey, it was recommended that no sites within or adjacent to the project area are eligible for inclusion on the National Register of Historic Places. A copy of this public notice will be sent to the Ohio Historic Preservation Office (OHPO) for their review. Comments concerning archeological sensitivity of a project area should be based upon collected data.

THREATENED & ENDANGERED SPECIES: This project is located within the known or historic range of the Indiana bat (Endangered); fanshell mussel (E); Bald eagle (Threatened); clubshell mussel (E); purple cat's paw pearly mussel (E); rayed bean mussel (Candidate); and sheepnose mussel (C).

In regard to effects of this proposal on the Indiana bat, the applicant will be required to address the requirements outlined in the Ohio Department of Natural Resources Permitting Policy Procedure Directive 2004-01: Measures for Protecting the Endangered Indiana Bat. Sufficient information to document compliance with this requirement has not been submitted by the applicant.

Based on location, it has been determined the proposal would have no affect on the bald eagle, or the fanshell mussel, clubshell mussel, purple cat's paw pearly mussel, rayed bean mussel or sheepnose mussel (C).

This public notice serves as a request to the U.S. Fish and Wildlife Service for any additional information they may have whether any listed or proposed to be listed endangered or threatened species may be present in the area that would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1972 (as amended).

PUBLIC INTEREST: Any person who has an interest, which may be adversely affected by the issuance of a permit, may request a public hearing. The request must be submitted in writing to the District Engineer on or before the expiration date of this notice and must clearly set forth the interest which may be adversely affected and the manner in which the interest may be adversely affected by the activity.

Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors that may be relevant to the proposal will be

considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act. Written statements on these factors received in this office on or before the expiration date of this public notice will become a part of the record and will be considered in the final determination. A permit will be granted unless its issuance is found to be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

CLOSE OF COMMENT PERIOD: All comments pertaining to this Public Notice must reach this office on or before the close of the comment period listed on page one of this Public Notice. Persons wishing to submit comments, objections or requests for public hearings concerning the Corps of Engineers permit should write:

U.S. Army Corps of Engineers
ATTN: CELRH-OR-F Public Notice No. 200401588
502 8th Street
Huntington, West Virginia 25701-2070

Please note, the names and addresses of those who submit comments in response to this public notice become part of our administrative record and, as such, are available to the public under provisions of the Freedom of Information Act. Thank you for your interest in our nation's water resources. If you have any questions concerning this public notice, please call Ms. Desiree L. Hann of the North Regulatory Section at 304-399-5210.


for Ginger Mullins
Chief, Regulatory Branch

(O)

Table 1. Proposed impacts to jurisdictional streams on-site in association with the proposed Peabody III surface coal mine site, located in Muskingum, Guernsey, and Coshocton Counties, Ohio. Information providing details concerning contents of each column is provided below table.

Stream ID	Flow	HHEI	Total Length	Total impact	MT Impact	Blending	ST Impact	PC Impact	Other	Restore
S-1	I	46	1347	501	122	225	154			501
S-2	I	45	977	308	68	100	140			308
S-3 *	P	66	1051	742	30		712			742
S-4	I	65	172	172			172			
S-5	I	54	127	0						
S-6	E	24	211	0						
S-7	I	30	465	267	80		187			267
S-8	E	19	428	332	141			191		
S-9	I	65	697	320	70		250			320
S-10	E	23	935	0						
S-11	I	27	275	151				151		
S-12	I	18	282	165			165			165
S-13	E	13	115	115			115			
S-14	E	13	156	95			95			
S-15	I	13	345	55			55			
S-16	I	29	155	155	65	90				
S-17	I	26	69	69	30	39				
S-18 *	P	67	1600	973	233	275		465		973
S-19	I	60	313	110			110			
S-20	I	13	145	145				145		
S-21	I	18	233	233			80	153		
S-22	I	60	304	304	155	149				304
S-23	I	60	307	307	210	97				
S-24 *	P	66	987	658		250		408		658
S-25	P	80	1397	0						
S-26	I	67	95	0						
S-27 *	P	65	637	312	137		175			110
S-28	I	25	171	171			171			
S-29 *	P	64	690	690	115	575				690
S-30	I	20	98	98	36		62			
S-31	I	59	205	205	80	125				
S-32	P	33	99	99	60	39				
S-33U *	P	65	2410	2397	649	850	300	498	100 (road)	2397
S-33L	P	81	827	0						
S-34	I	48	719	719	116		603			719

Table 1. Continued.

Stream ID	Flow	HHEI	Total Length	Total impact	MT Impact	Blending	ST Impact	PC Impact	Other	Restore
S-34A	I	48	214	214			214			214
S-35	I	49	401	401	145	256				
S-36	E	28	213	213	103		110			
S-37	I	65	1073	706	73	633				706
S-38	I	28	126	126	126					
S-39	I	28	192	192	192					
S-40 *	P	64	1093	588	394		194			588
S-41	P	60	2124	0						
S-42	E	25	96	0						
S-43	I	25	72	0						
S-44 *	P	45	206	0						
S-45	E	25	84	0				0		
S-46	I	25	109	109			65	44		
S-47	E	25	401	401	85		55	261		
S-48	I	60	309	309	200		109			
S-49 *	P	43	538	538	478		60			
S-50	P	62	595	595	595					595
S-51	I	60	282	282	282					282
S-52	I	60	225	225	225					
S-53	P	82	1974	1550	674	300		576		1550
S-54 *	I	24	92	92	92					
S-55	P	67	1502	1213	1102	111				1213
S-56	E	9	219	219	163			56		
S-57 (I)	I	48	524	524	196	328				524
S-57(E)	E	48	203	203	158			45		203
S-58	I	48	317	317	317					317
S-59	I	18	182	182	182					182
S-61	P	64	333	333	22		273		38	295
S-62	I	65	3172	1885			1685	200		1885
S-63	I	53	319	319	125	194				319
S-64 *	P	69	1107	1107	707	300	100			1107
S-65	P	62	924	239				239		239
S-66	E	14	247	247			247			
S-67	I	46	687	687	35		652			687
S-68	E	29	251	251			251			
S-69	I	45	157	157			157			157

Table 1. Continued.

Stream ID	Flow	HHEI	Total Length	Total impact	MT Impact	Blending	ST Impact	PC Impact	Other	Restore
S-70	I	61	836	836	103		676	57		836
S-71	I	31	682	682	46		616	20		682
S-72	I	39	288	101					101 (road)	
S-73	I	60	204	204	20		184			
S-74	I	60	497	497			497			497
S-75	I	60	134	134			134			134
S-76 *	P	67	1093	866			316	428	122 (road)	866
S-77	I	61	1369	1249	179		590	480		1249
S-78	I	14	124	0						
S-79	I	60	337	37				37		
S-80	E	22	173	173				173		
S-81 *	P	60	1272	497	136		66	295		497
S-82	E	18	825	387	57			330		
S-83	I	49	294	294	114		180			
S-84	I	49	144	144	58		86			
S-85	I	59	722	286			286			286
S-86	E	22	171	0						
S-87	I	46	1240	505	345		160			505
S-87A	I	46	363	0						
S-88	E	9	166	91			51	40		
S-89	I	37	155	155	90	65				
S-90	I	34	164	164	164					
S-91	I	64	500	500	250		250			
S-92	I	49	336	336	20		316			336
S-93	P	34	102	102	102					
S-94	P	54	167	167	40	127				
S-95	P	68	157	157	67	90				
S-96	I	35	150	150	20	130				
S-97	I	35	96	96		96				96
S-98	P	68	164	164	134	30				
S-99	P	55	324	289			269	20		289
S-100	I	65	221	221			221			221
S-101	I	60	391	391			271	120		391
S-102	E	13	329	184			184			
S-103 *	P	54	74	74	74					
S-104	I	35	144	62	52		10			
S-105	I	34	123	123	123					

Table 1. Continued.

Stream ID	Flow	HHEI	Total Length	Total impact	MT Impact	Blending	ST Impact	PC Impact	Other	Restore
S-106	I	34	172	172	172					
S-107	I	38	224	224	224					224
S-108	I	38	156	156	156					
S-110	I	38	334	334	259		75			
S-111	I	55	417	417	287		130			
S-112	I	51	199	142	80		62			
S-113	I	38	340	138			138			138
S-114	I	55	292	259	130		129			259
S-115	I	37	185	185			185			185
S-116	I	65	244	688	476		212			244
S-117	I	49	196	196	123		73			
S-118	I	28	116	116	116					
S-119	I	38	160	160	64	96				
Total			57173	38797	13349	5570	14085	5432	361	27152

Table 1. Continued

Stream ID: as described in the final investigation of waters prepared by Strategic Environmental Consulting and verified by this office on December 23, 2005;

Flow: Designation of stream flow: P, Perennial; I, Intermittent; E, Ephemeral;

HHEI: Headwater Habitat Evaluation Index scores as determined by Ohio Environmental Protection Agency's protocols;

Total length: Total length of each individual stream within limits of the approximate 1,400 acre proposed surface mine area. Total jurisdictional stream length on-site = 57,173 linear feet;

Total impact: Total impact proposed to each individual stream on-site. Total jurisdictional stream length proposed to be impacted in association with the proposal is 38,797 linear feet of stream;

MT impact: Stream impacts associated with removal of coal;

Blending: Stream impacts associated with blending (e.g. regrading) activities;

ST impact: Stream impacts associated with sediment transport. While these stream lengths are not impacted by a primary placement of fill, secondary impacts of sedimentation are identified and reviewed.

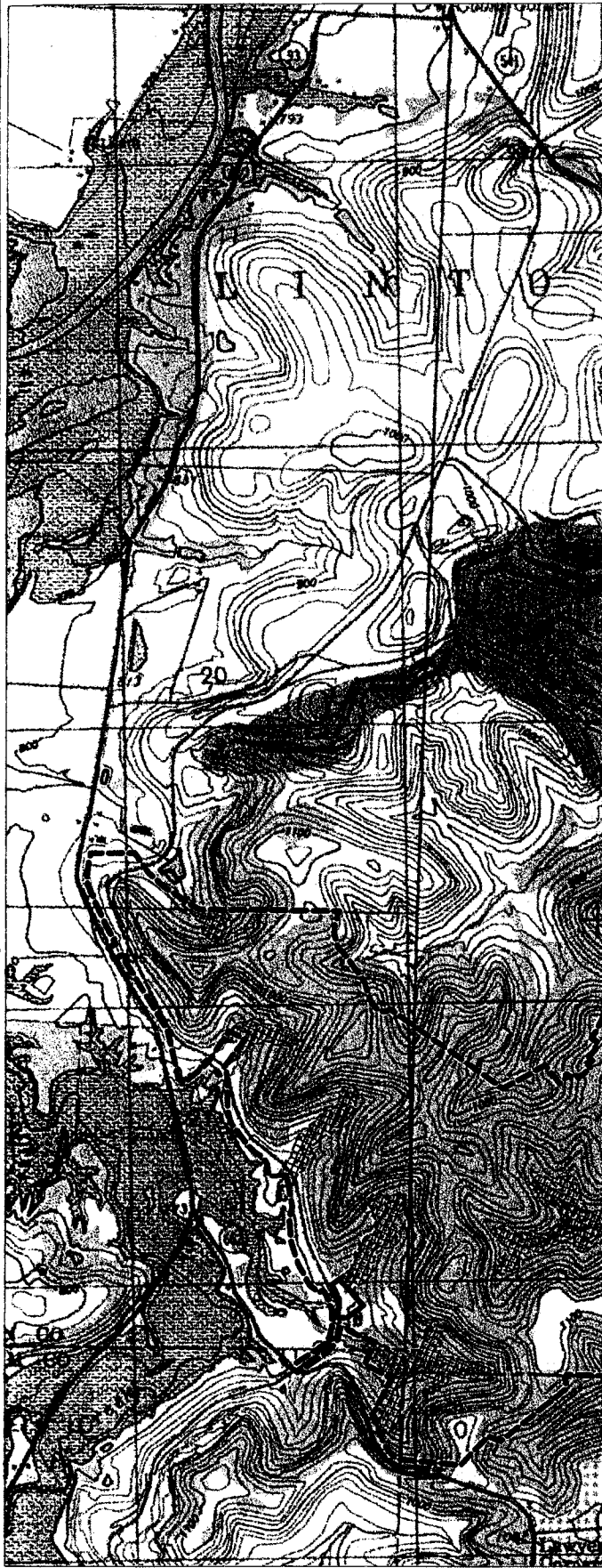
PC impact: Stream impacts associated with sediment pond construction activities;

Other: Other stream impacts on-site; and

Length Res: Stream length proposed to be restored following completion of mining activities.

*, Perennial streams designated as cold water habitat by the Ohio Environmental Protection Agency.

-LOCATION MAP-



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MAP

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NOTES: PROPOSED PERMIT LIMITS 
BUFFER ZONE 

Figure 1 of 31

PROJECT NAME:

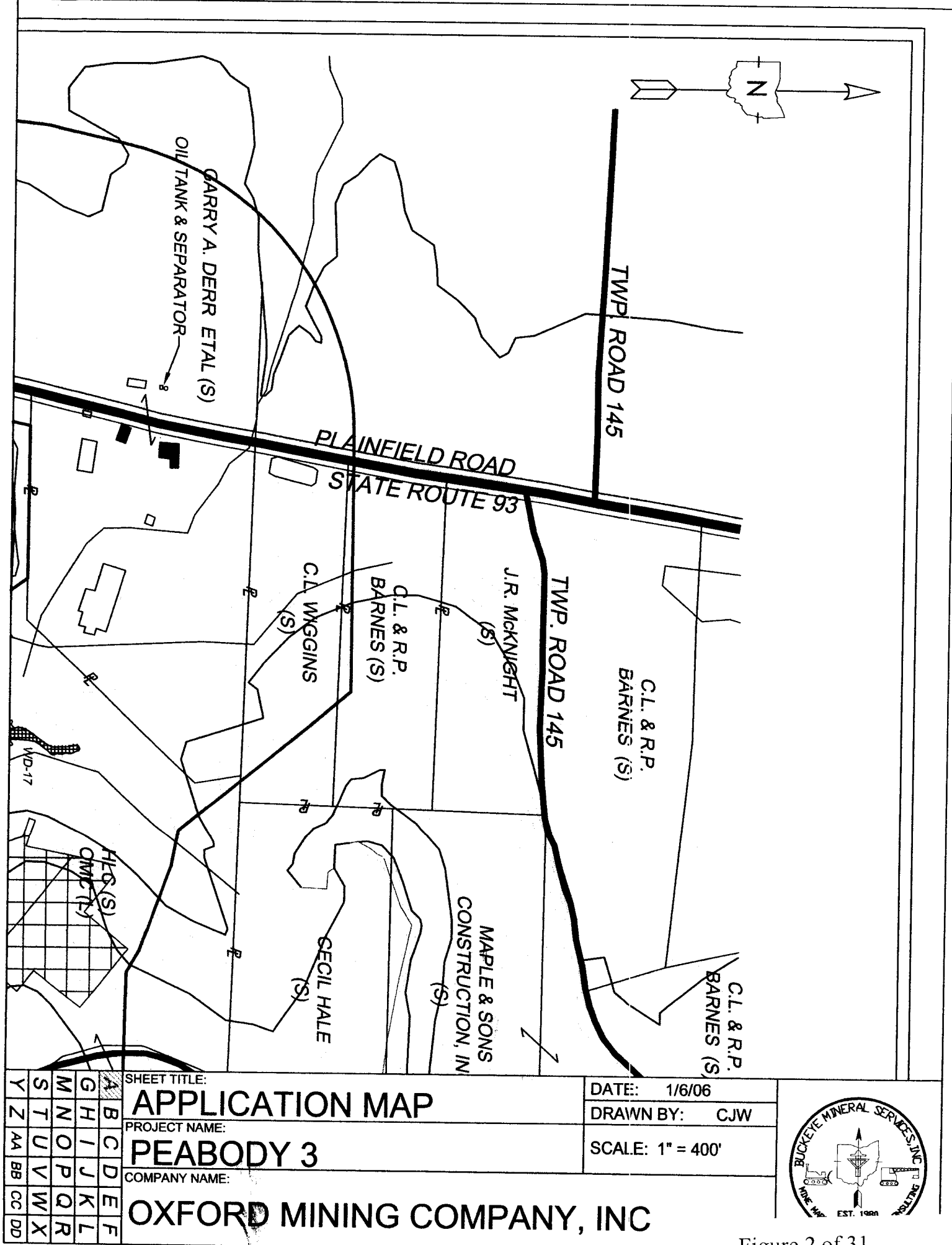
PEABODY 3

COMPANY NAME:

OXFORD MINING COMPANY, INC.

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SHEET TITLE:

APPLICATION MAP

PROJECT NAME:

PEABODY 3

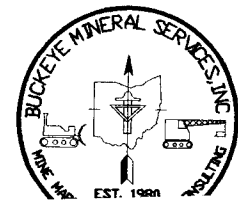
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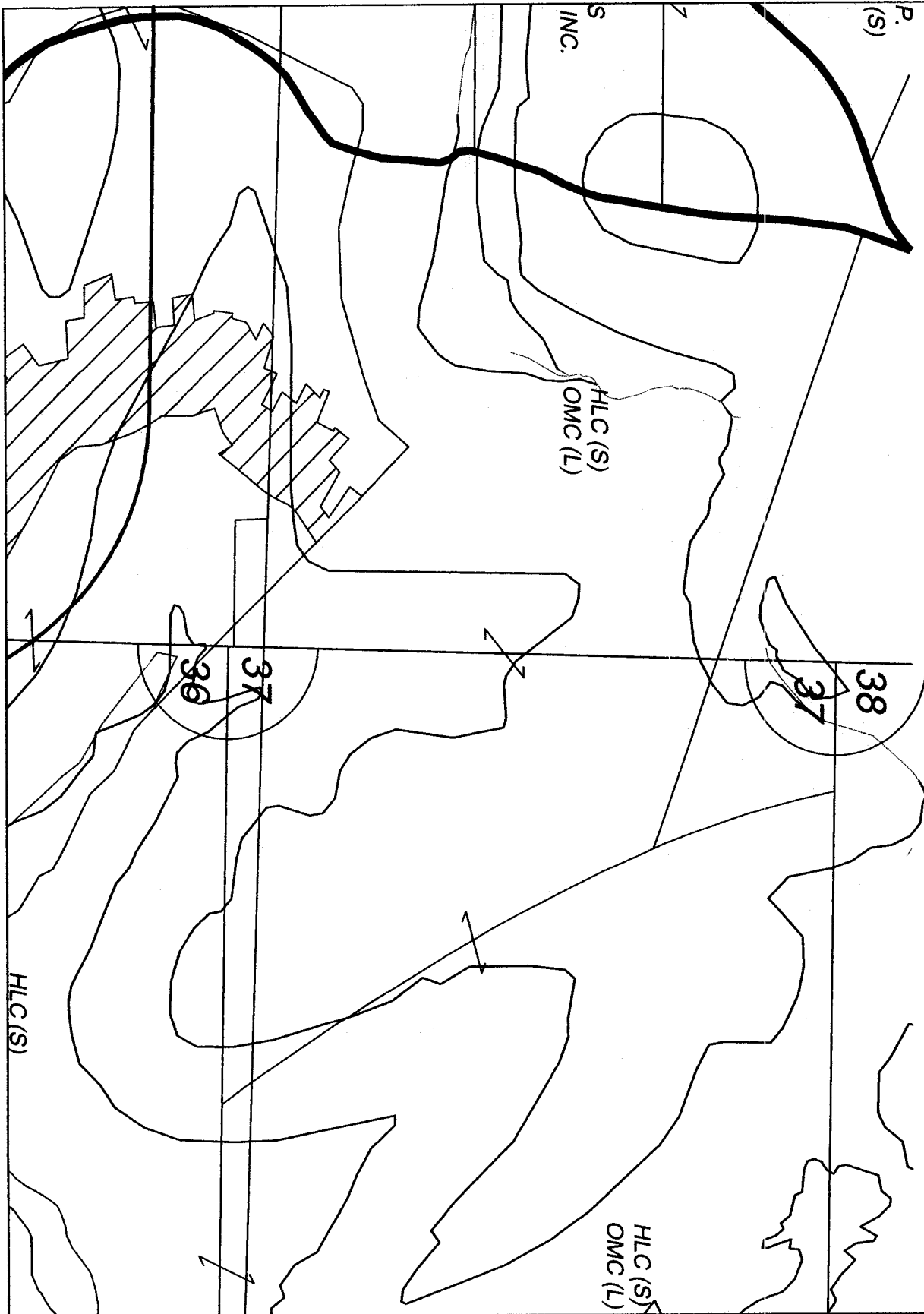
OXFORD MINING COMPANY, INC

DATE: 1/6/06

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APPLICATION MAP

PROJECT NAME:

PEABODY 3

COMPANY NAME:

OXFORD MINING COMPANY, INC

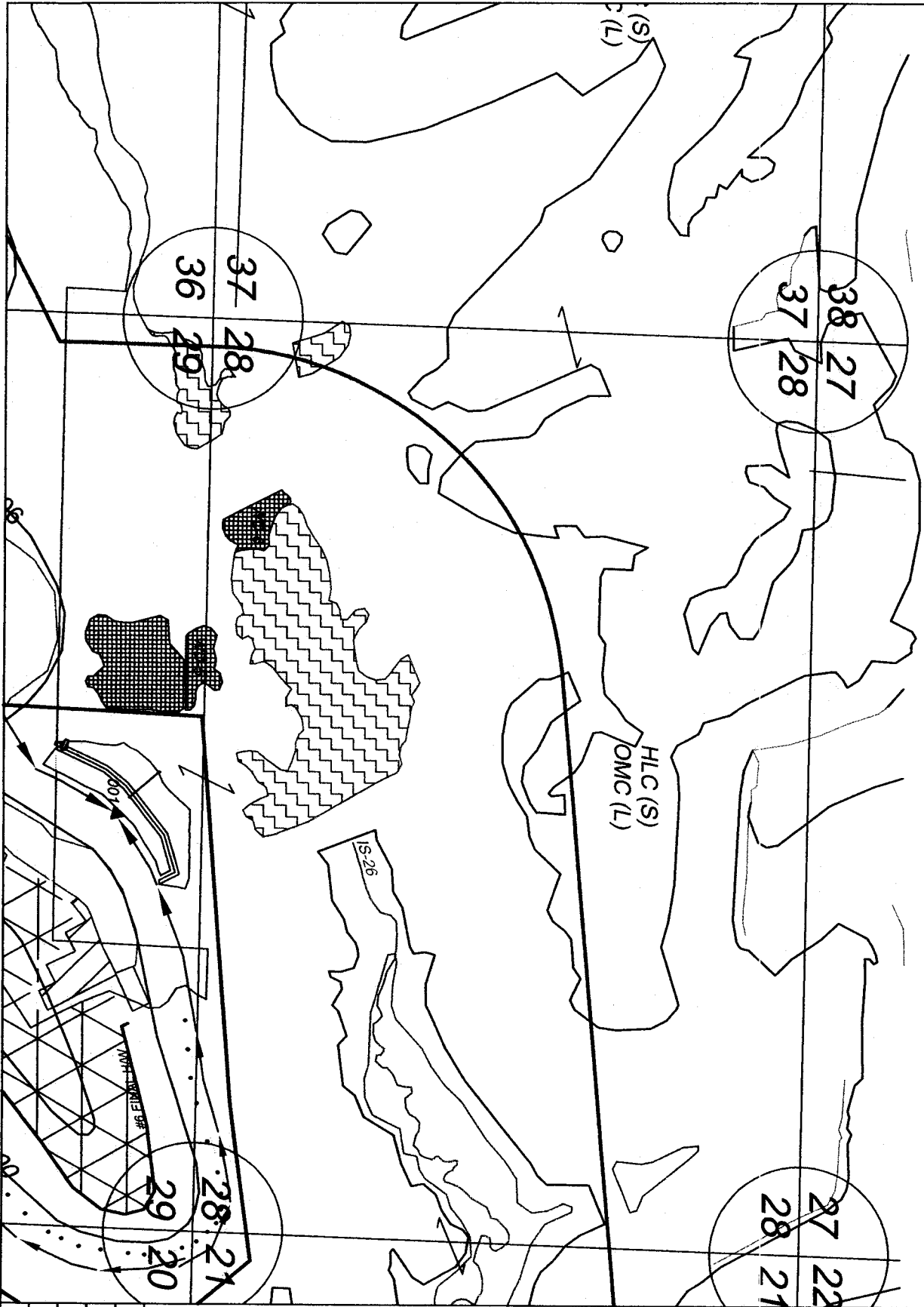
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Figure 3 of 31



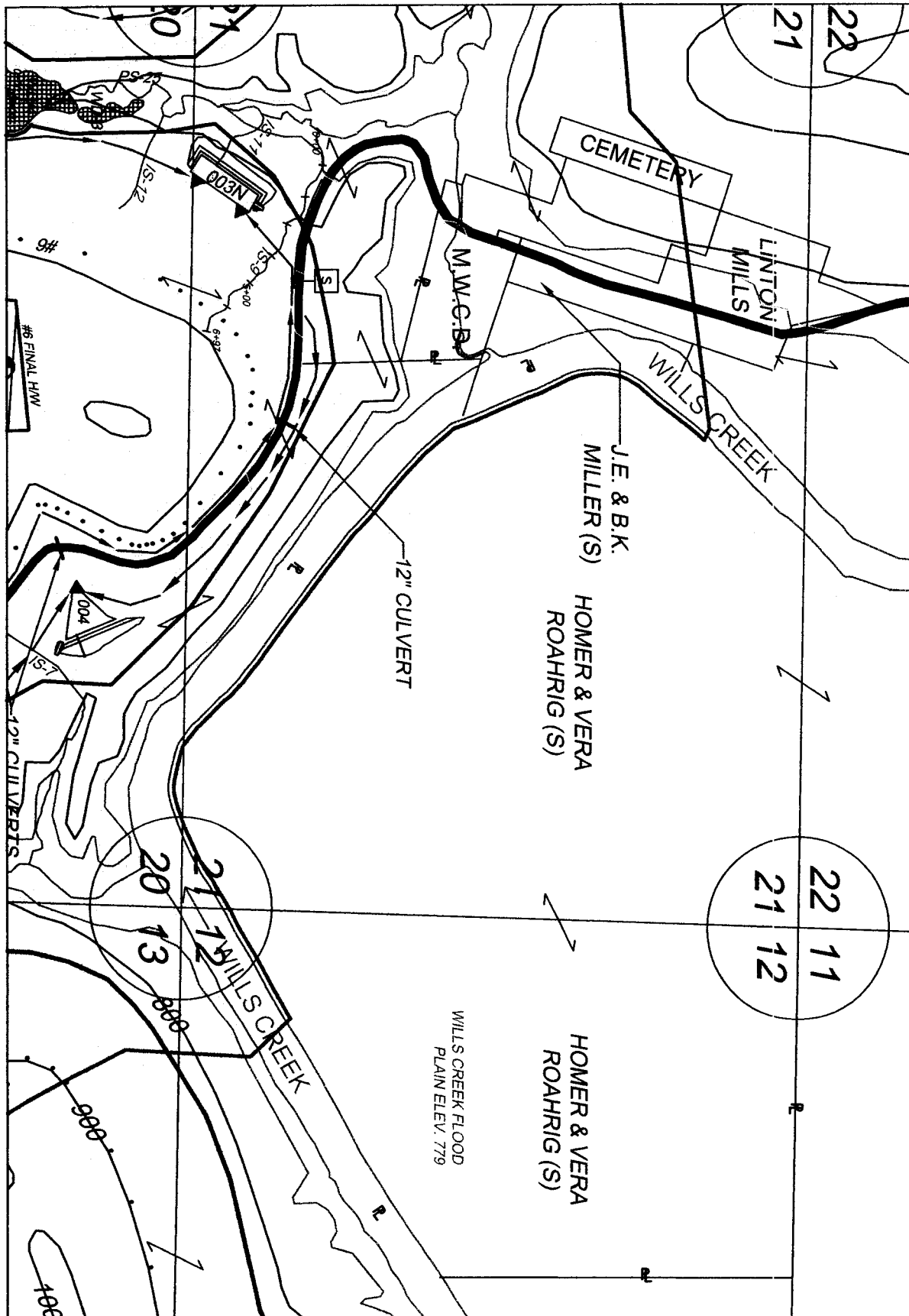
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Figure 4 of 31



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OXFORD MINING COMPANY, INC				

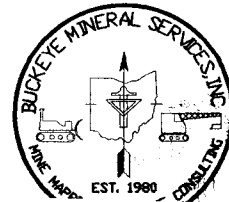


Figure 5 of 31

— Wills Creek

Acres

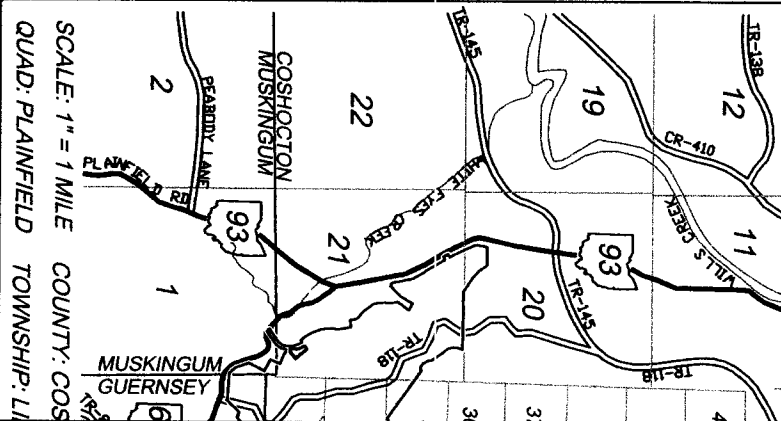
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Application Acreage Summary

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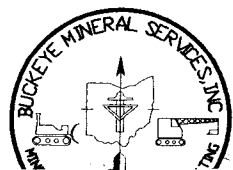
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APPLICATION MAP

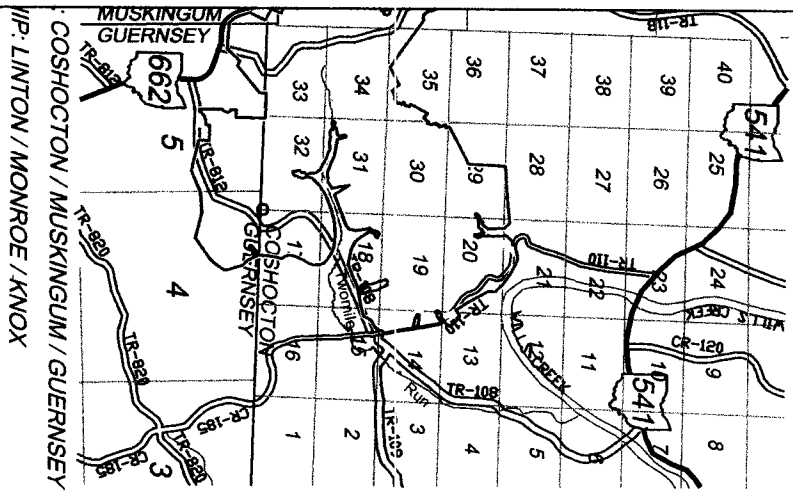
PROJECT NAME:

PEABODY 3

COMPANY NAME:

OXFORD MINING COMPANY, INC

APPLICATION MAP-

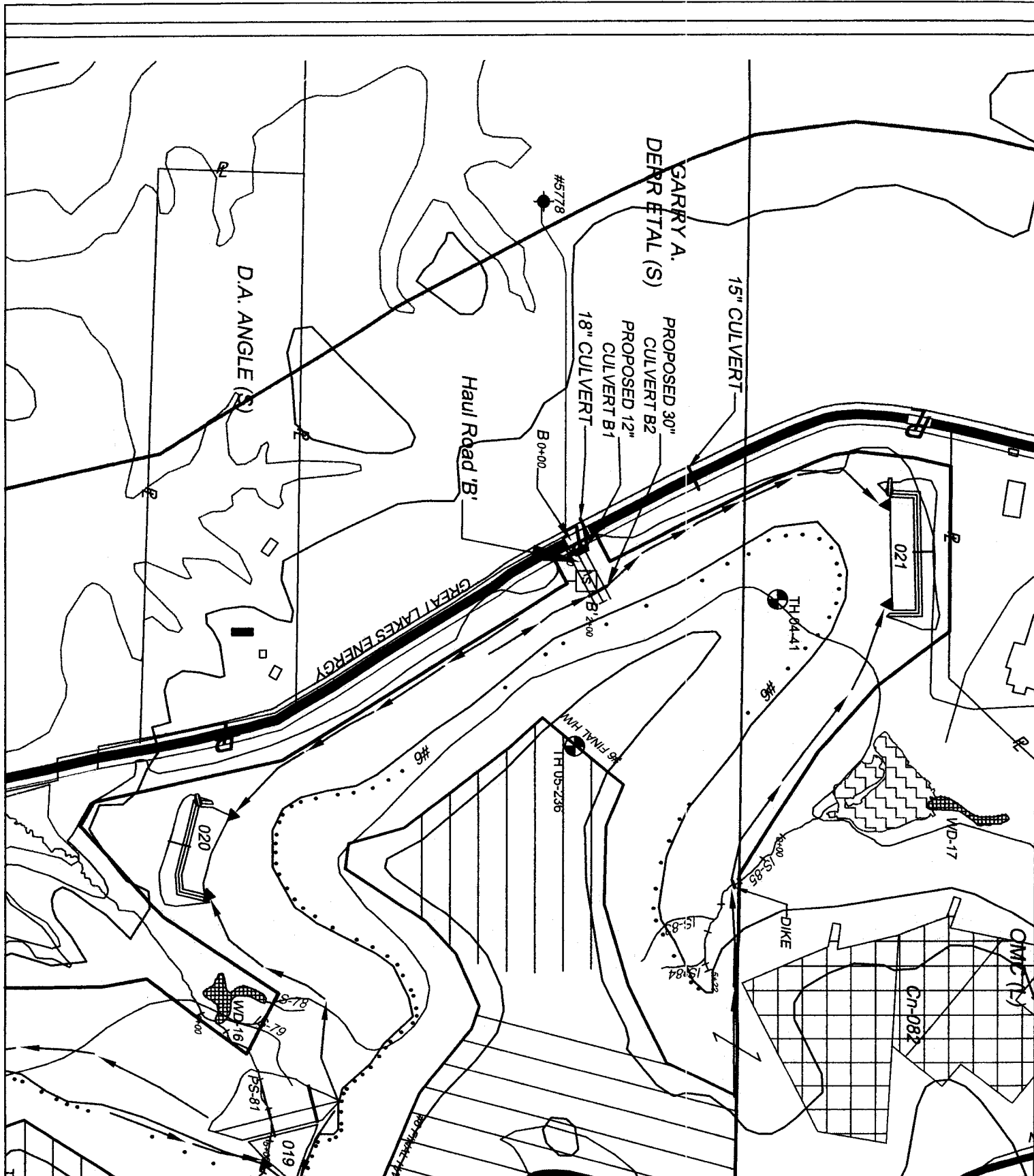


- Drainage ———→ P ———→ P
- ion Ditch ———→ P ———→ P
- t Area
- Hole
- erty Line ———→ P ———→ P
- il Storage
- Farmland
- soil (A)/Subsoil (B) A B
- Topsoil HYDRIC
- nce Sign
- sed Sediment Pond
- e Access Road
- Treatment Facility

SHEET TITLE:												DATE: 1/6/06	
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COMPANY NAME:												SCALE: 1" = 400'	
<div style="display: flex; justify-content: space-between;"> <div> APPLICATION MAP PEABODY 3 OXFORD MINING COMPANY, INC </div> </div>													



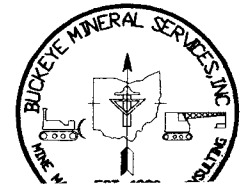
Figure 7 of 31

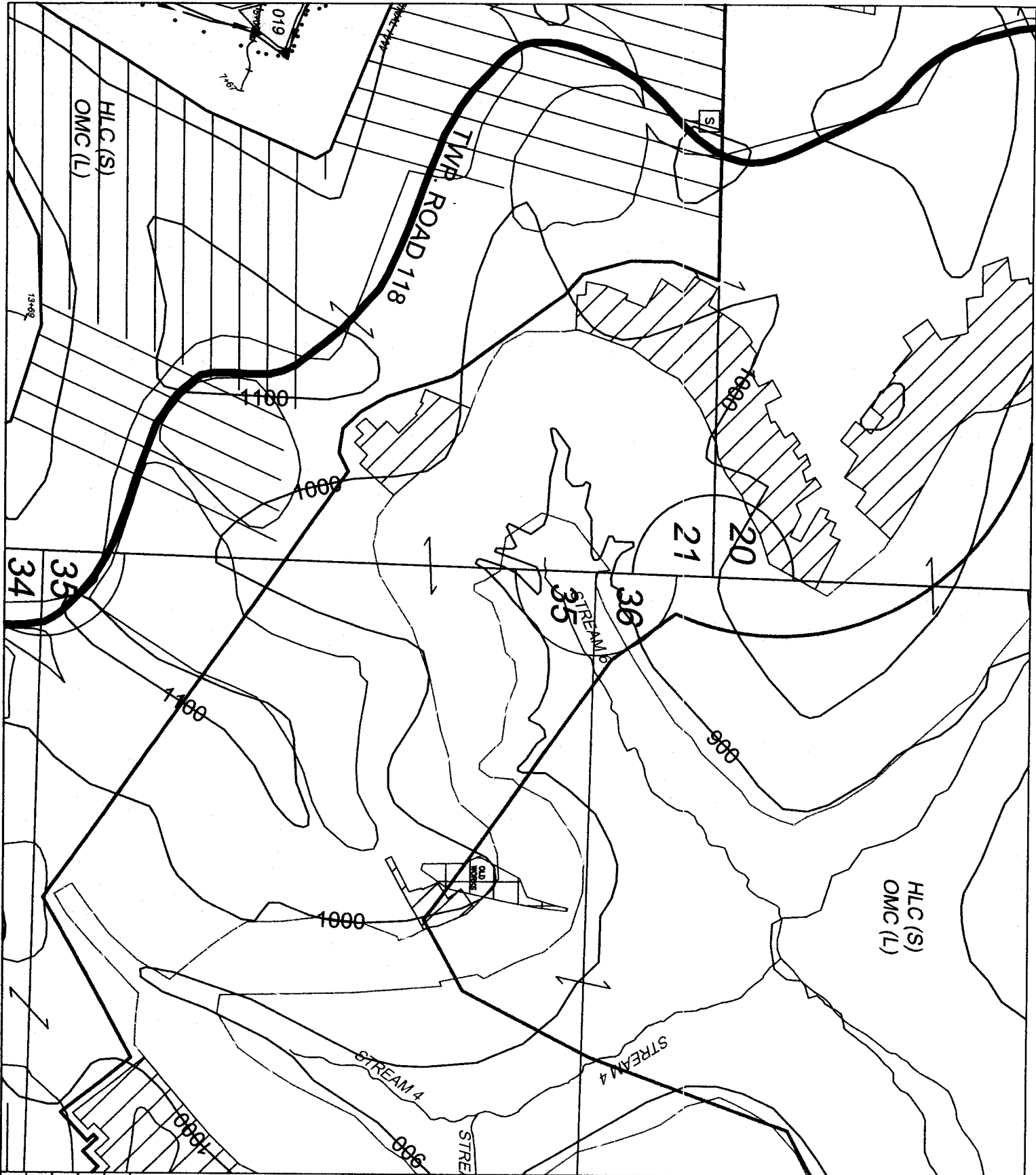


A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:		APPLICATION MAP	
PROJECT NAME:		PEABODY 3	
COMPANY NAME:		OXFORD MINING COMPANY, INC	

DATE:	1/6/06
DRAWN BY:	CJW
SCALE:	1" = 400'





Y	A
Z	B
AA	C
BB	D
CC	E
DD	F
S	G
T	H
U	I
V	J
W	K
X	L
	M
	N
	O
	P
	Q
	R

SHEET TITLE:		DATE: 1/6/06	
APPLICATION MAP		DRAWN BY: CJW	
PROJECT NAME:		SCALE: 1" = 400'	
PEABODY 3			
COMPANY NAME:			
OXFORD MINING COMPANY, INC			

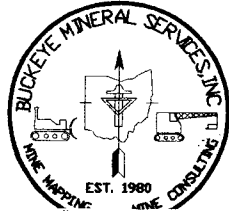
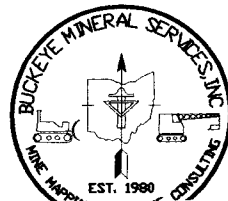
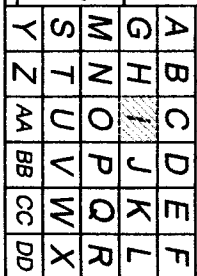
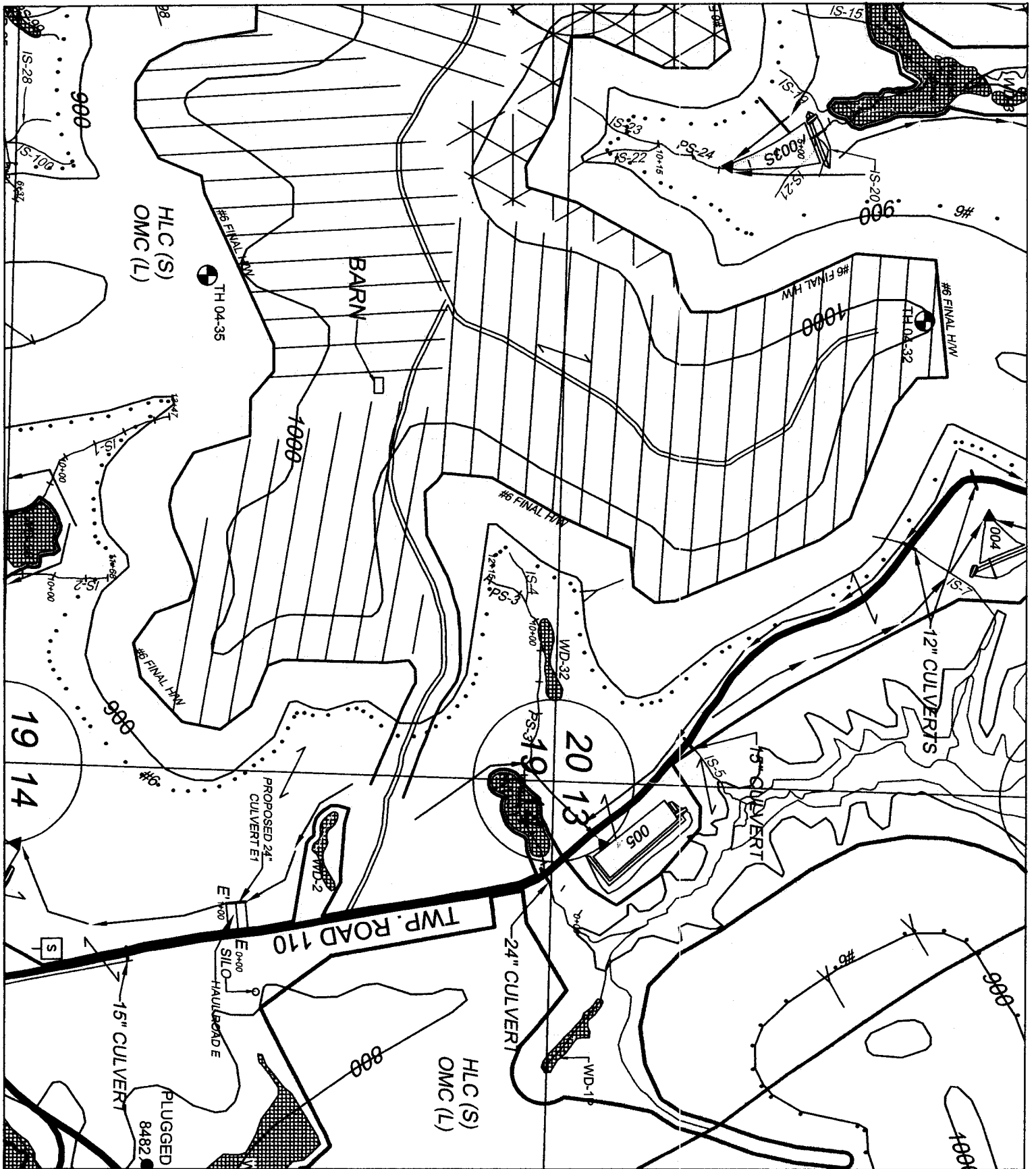


Figure 9 of 31





A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:
APPLICATION MAP

PROJECT NAME:
PEABODY 3

COMPANY NAME:
OXFORD MINING COMPANY, INC

DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'

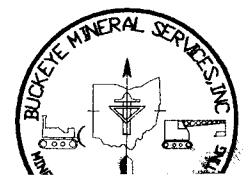


Figure 11 of 31

Application Acreage Summary

Proposed for: Year 1	20.0
Year 2	323.2
Year 3	323.2
Year 4	323.2
Year 5	323.2
Total Permit	1312.8
#6 Strip Coal	240.1
#6 Auger Coal	474.0
Ponds	17.9
Haul Roads	3.9
Prime Farmland (Total)	17.8
PFL w/ No Surface Disturbance	9.2

Deep Mine Information

Mine Name	Coal Seam Mined
Cn - 082	#6
Mm - 241	#6
Mm - 243	#6
Mm - 279	#6

Existing Sediment Pond 

Public Road 

Utility Line 

ELECTRIC
TELEPHONE
GAS


Commercial/Business Building 


Occupied Building 

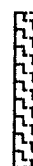
Unoccupied Building 


Surface and Mineral Owner(S)

Coal Leasee (L) Subleasee (SL)
Crop Line

Begin Mining Point 


End Mining Point 


No Blasting Zone 


Hydrologic Study Limits 


Dug Well 

Drilled Well 

Undeveloped Spring 

Developed Spring 

Underground Mine 

Discharging Water Buffer Zone 

Existing Wetland Area 


#6 Auger Area (SHM) 


#6 Auger Area 

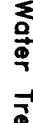
Cemetery 


No Planned Subsidence "Shadow" Area 

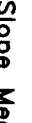
Proposed Private Access 


Water Tree 

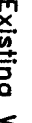
Gas Well 

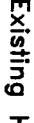
Abandoned Slope Measure 

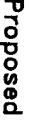
Mineral Owner 


Existing V 


Existing H 

Proposed Sump 

Small Area 


Ex 

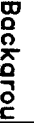
Upstream 

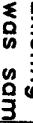
Downstream 


Monitoring Backgrou 

Existing was sam identified Swamp, Reconstru Area 

Permit D-2 

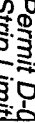
Permit D-2 

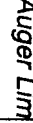
Permit D-2 

Permit D-2 

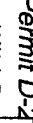
Permit D-2 

Permit D-2 

Permit D-2 

Permit D-2 

Permit D-2 

Permit D-2 

Drainage Basin - WILLS



Figure 12 of 31

SHEET TITLE:

APPLICATION MAP

PROJECT NAME:

PEABODY 3

COMPANY NAME:

OXFORD MINING COMPANY, INC

DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

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APPLICATION MAP

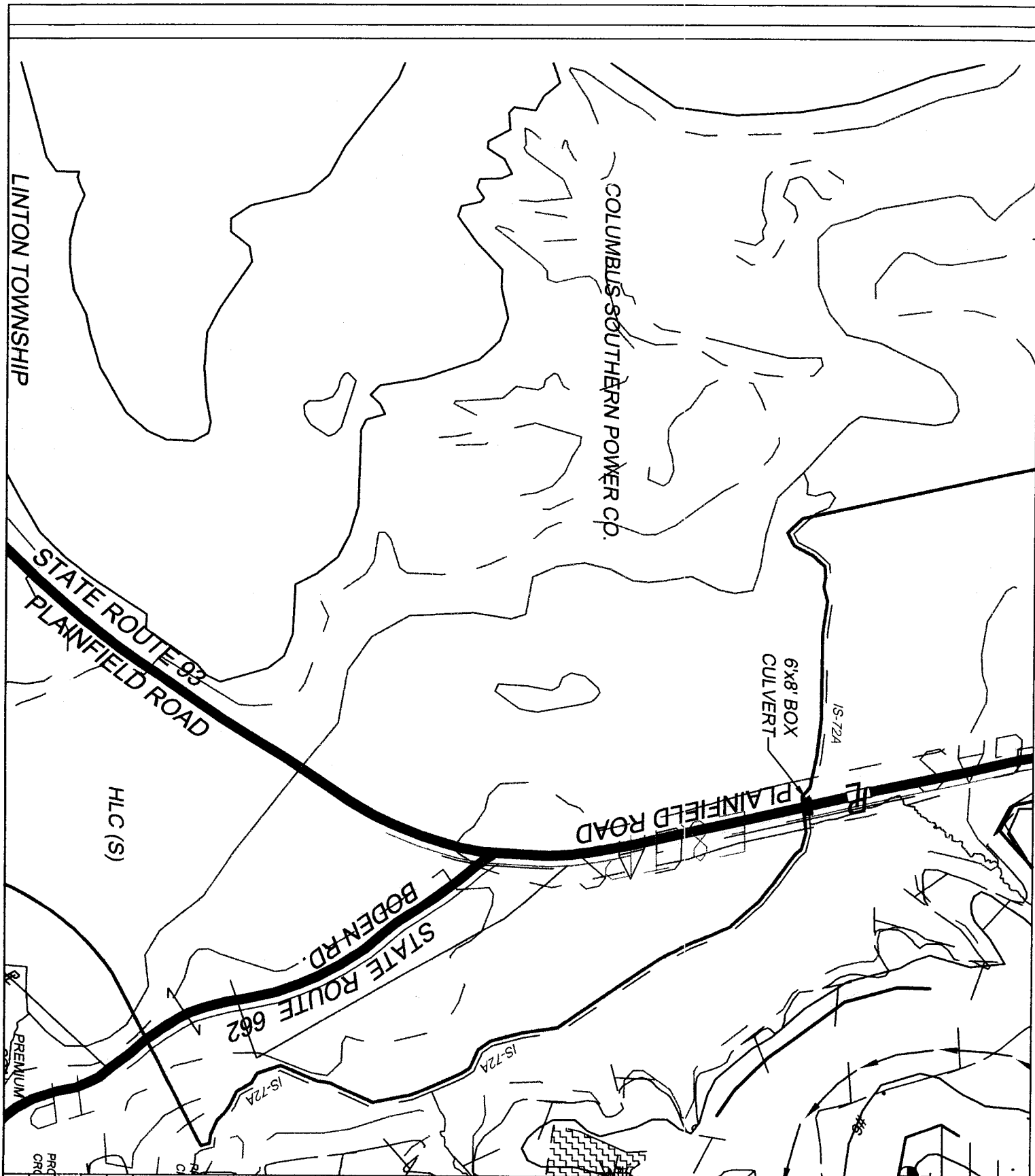
PEABODY 3

OXFORD MINING COMPANY, INC

DRAWN BY: CJW

SCALE: 1" = 400'





Y	S	M	G	A
Z	T	N	H	B
AA	U	O	I	C
BB	V	P	J	D
CC	W	Q	K	E
DD	X	R	L	F

SHEET TITLE:
APPLICATION MAP

PROJECT NAME:
PEABODY 3

COMPANY NAME:
OXFORD MINING COMPANY, INC

DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'

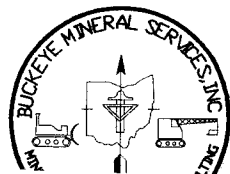
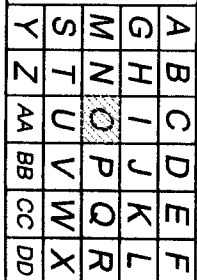
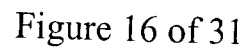


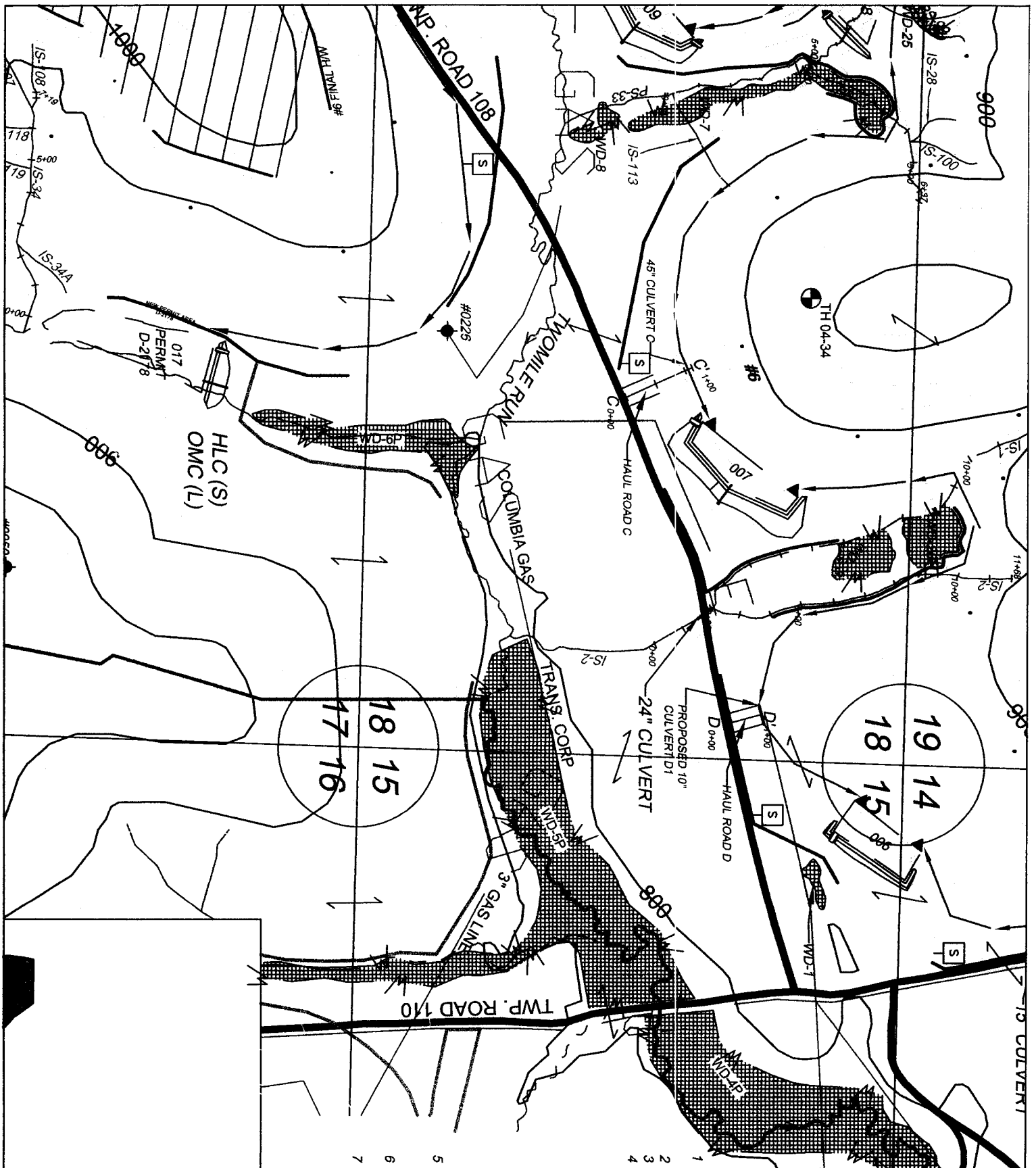
Figure 14 of 31



OXFORD MINING COMPANY, INC

SCALE: 1" = 400'





A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:

APPLICATION MAP

PROJECT NAME:

PEABODY 3

COMPANY NAME:

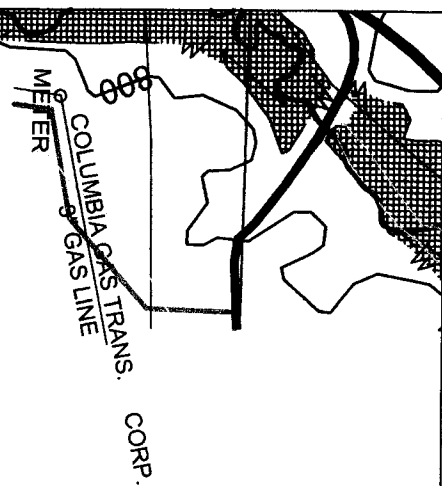
OXFORD MINING COMPANY, INC

DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'









-NOTES-

- 1 - ALL OF THE EXISTING ACCESS ROADS, WITHIN THE PERMIT LIMITS, WILL REMAIN FOLLOWING MINING AND RECLAMATION AS ACCESS ROADS.
- 2 - OMC = OXFORD MINING COMPANY, INC.
- 3 - HLC = HOLMES LIMESTONE COMPANY
- 4 - THE WETLAND DELINEATION FOR THIS PERMIT AREA IDENTIFIED THE LOCATED WETLANDS AS WL-1, WL-2 ETC. AND THE STREAMS AS S-1, S-2 ETC. BECAUSE DRILLED WATER WELLS WITH WELL LOGS ARE IDENTIFIED AS WL-# AND UNDEVELOPED SPRINGS ARE IDENTIFIED AS S-#, WE HAVE RE-LABELLED THE WETLANDS AND STREAMS. ON THIS MAP, THE WETLANDS ARE LABELED WD-1, WD-2 ETC., THE INTERMITTENT STREAMS ARE LABELED IS-1, IS-2 ETC. AND THE PERENNIAL STREAMS ARE LABELED PS-1, PS-2 ETC. AS THE RESULT OF PREVIOUSLY IDENTIFIED WETLANDS IN THIS AREA HAVING THE SAME ID NUMBERS AS THE DELINEATION PERFORMED FOR THIS APPLICATION AREA, WE HAVE ADDED A 'P' TO THE END OF THE PREVIOUSLY IDENTIFIED WETLANDS. EXAMPLE: DELINEATION ID (WL-2), APPLICATION MAP ID (WD-2S). THE IDENTIFICATION NUMBERS LISTED ON THIS MAP CORRESPOND WITH THE IDENTIFICATION NUMBERS LISTED IN THE DELINEATION.
- 5 - THE PERMIT LIMITS WILL BE NO CLOSER THAN 10' FROM THE FOLLOWING WETLANDS: WD-1, WD-2, WD-3, WD-4, WD-5, WD-6, WD-7, WD-8, WD-9, WD-10, WD-11, WD-12, WD-13, WD-14, WD-15, WD-16, WD-17, WD-18, WD-19, WD-20, WD-21, WD-22, WD-23, WD-24, WD-25, WD-26, WD-27, WD-28, WD-29, WD-30, WD-31, AND WD-32.
- 6 - THE TIM AUGER HATCH SHOWS THE APPROXIMATE ORIENTATION OF THE HIGHWALL MINER WITH RESPECT TO THE PROPOSED HIGHWALLS.
- 7 - SEDIMENT PONDS 003S, 004, 008, 011, 015, 018, AND 019 WILL BE MODIFIED INTO WETLAND MITIGATION AREAS 1, 2, 3, 4, 5, 6, AND 7 RESPECTIVELY.

PRE MINING LAND USE

-  CROP LAND - 23.9 ACRES
-  RESIDENTIAL - 0.3 ACRES
-  PUBLIC ROAD - 7.5 ACRES
-  UNDEVELOPED - 1,281.1 ACRES

Permit D-2
Drainage Basin - WILLS

I, the undersigned do hereby certify that this map is the best of my knowledge and belief, all of the information of the Revised Code and Rules adopted thereunder.

Acknowledged before me a Notary Public, this _____

WETLAND	
MAP ID	DELINEATION
WD-1	W
WD-2	W
WD-3	W
WD-4	W
WD-5	W
WD-6	W

SHEET TITLE:

APPLICATION MAP

PROJECT NAME:

PEABODY 3

COMPANY NAME:

OXFORD MINING COMPANY, INC

DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'



D-2202		LS CREEK	
Map is correct and shows to the ation required by Chapter 1513 er.			
day of 20			
TLANDS			
NEATION ID		ACREAGE	
WL-1		0.11	
WL-2		0.15	
WL-3		0.13	
WL-4		1.76	
WL-5		0.35	
WL-6		0.39	

Y Z AA BB CC DD	S T U V W X	M N O P Q R	G H I J K L	A B C D E F	SHEET TITLE:		DATE: 7/6/06
					APPLICATION MAP		DRAWN BY: CJW
					PROJECT NAME:		SCALE: 1" = 400'
					PEABODY 3		
					COMPANY NAME:		
					OXFORD MINING COMPANY, INC		

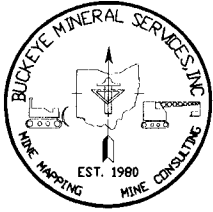
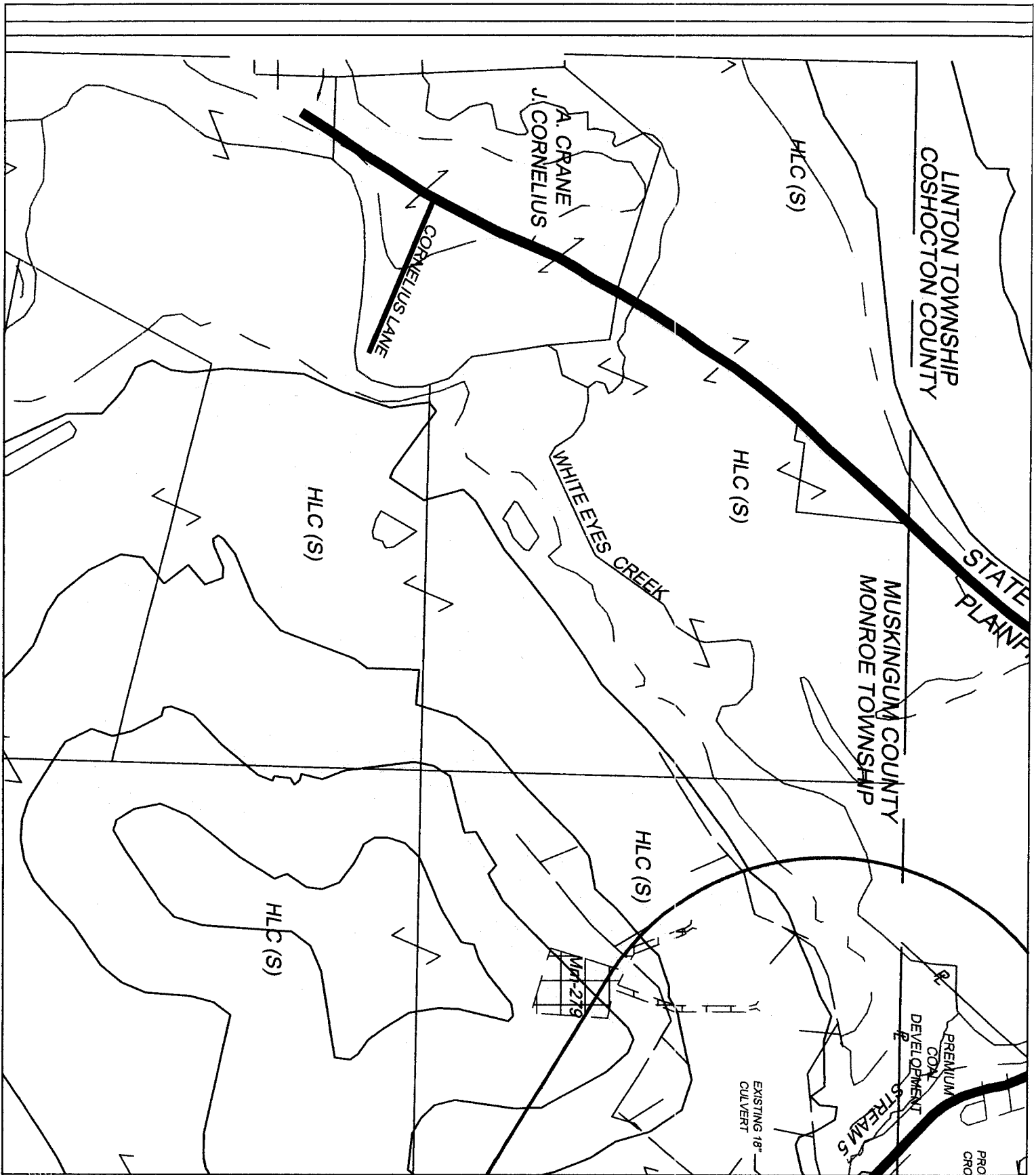


Figure 19 of 31



A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:

APPLICATION MAP

PROJECT NAME:

PEABODY 3

COMPANY NAME:

OXFORD MINING COMPANY, INC

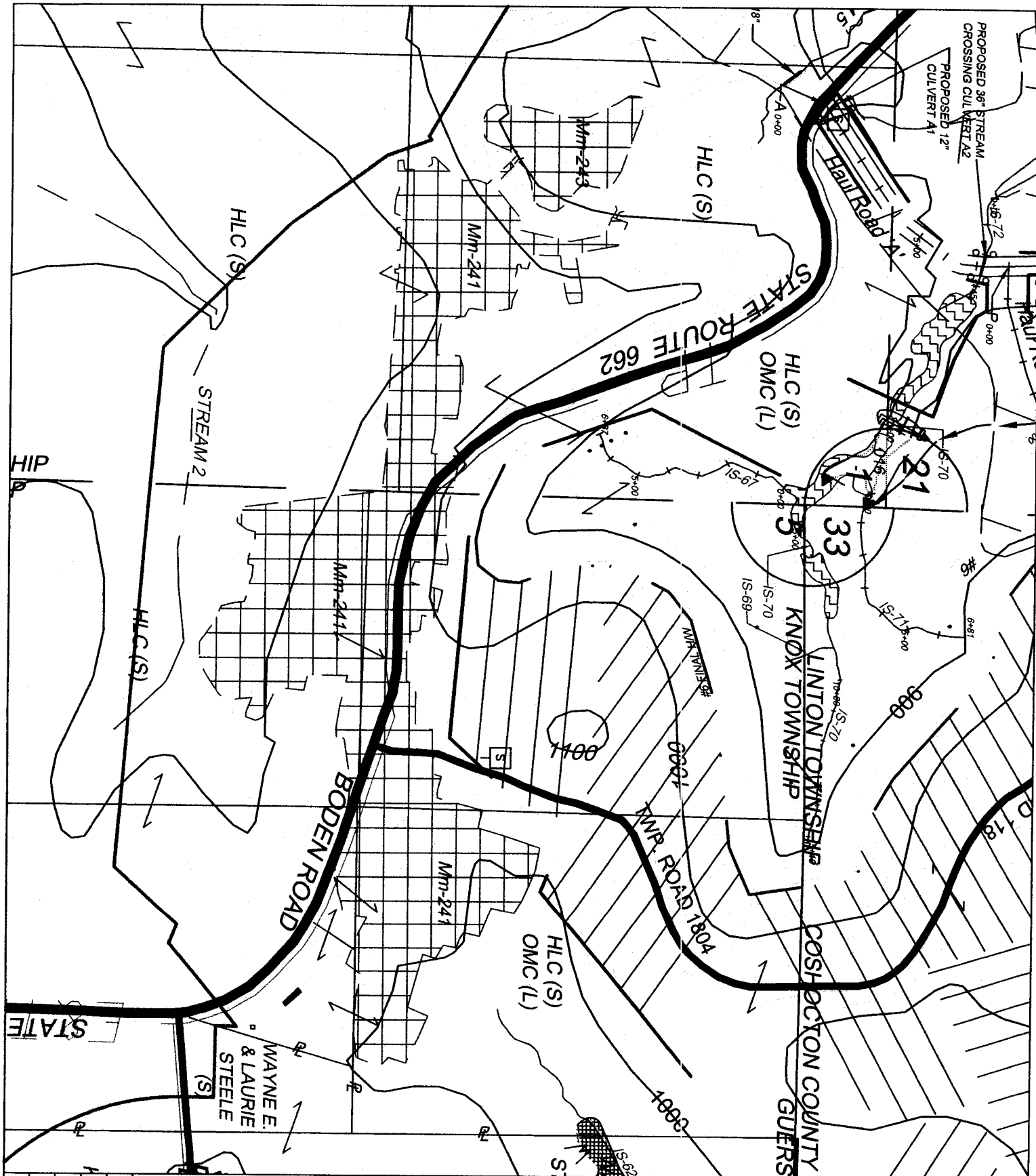
DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'



Figure 20 of 31



A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:

APPLICATION MAP

PROJECT NAME:

PEABODY 3

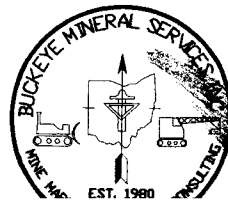
COMPANY NAME:

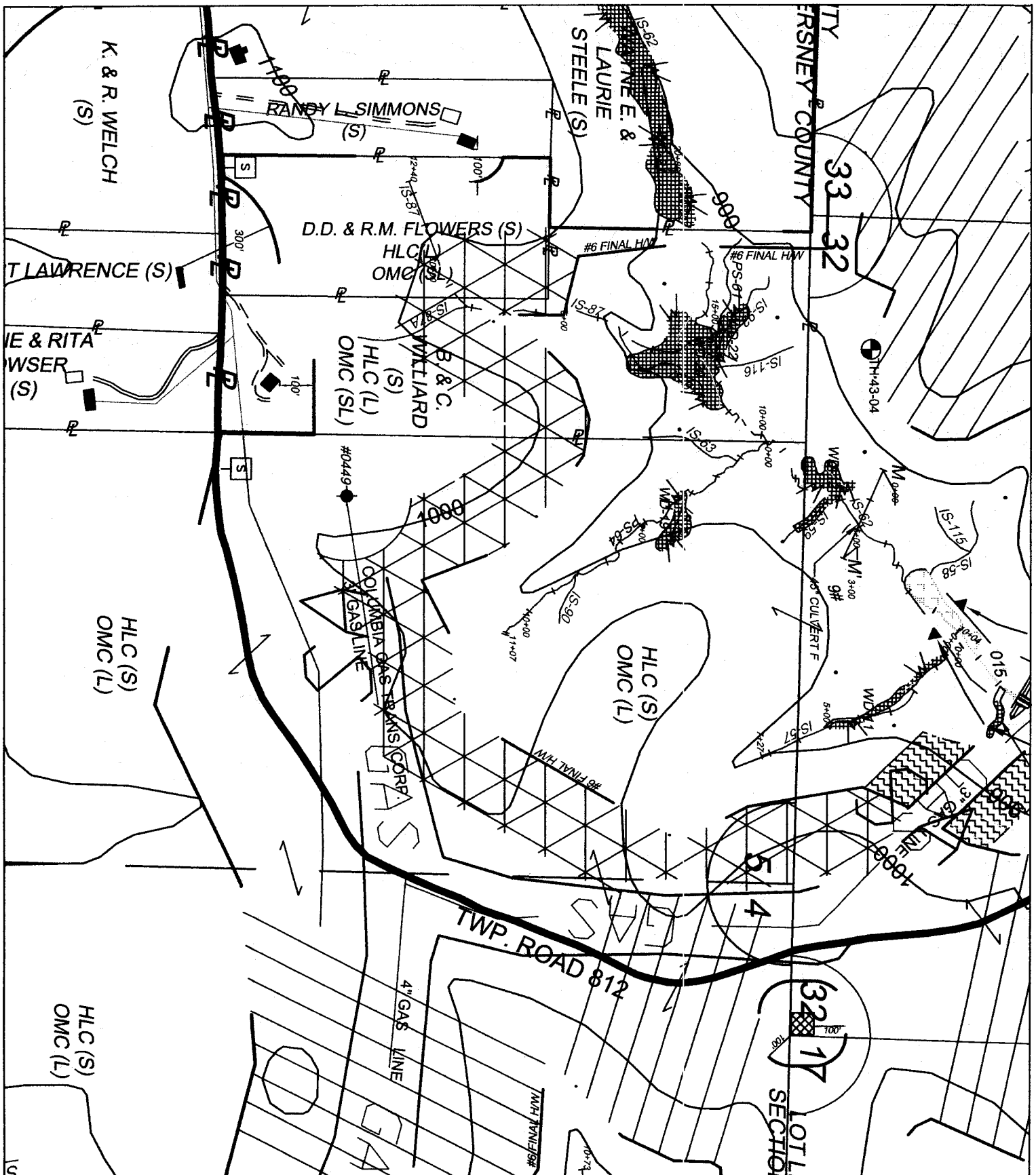
OXFORD MINING COMPANY, INC

DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'



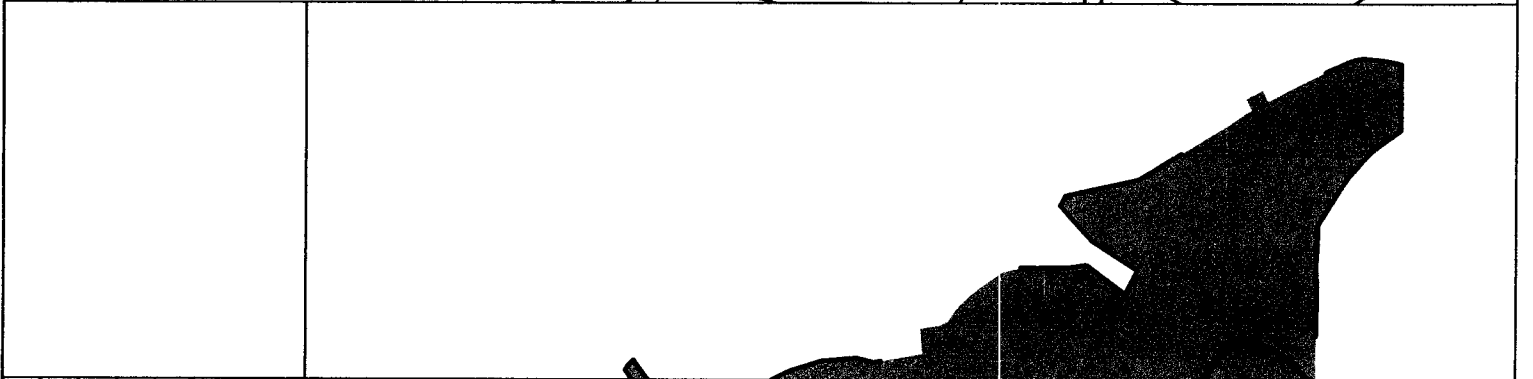
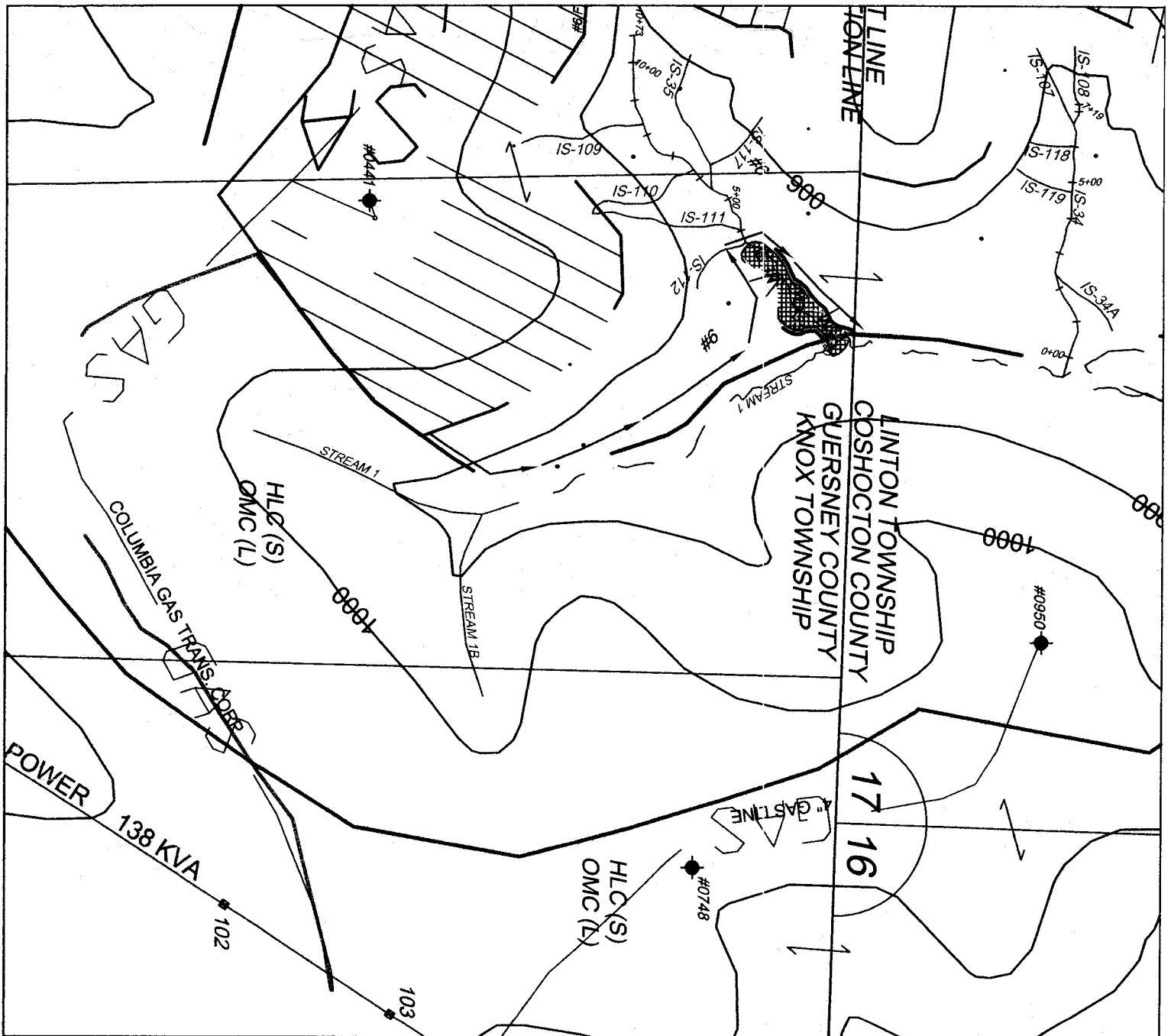


A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:		DATE: 7/6/06
APPLICATION MAP		DRAWN BY: CJW
PROJECT NAME:		SCALE: 1" = 400'
PEABODY 3		
COMPANY NAME:		
OXFORD MINING COMPANY, INC		



Figure 22 of 31



A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:
APPLICATION MAP

PROJECT NAME:
PEABODY 3

COMPANY NAME:
OXFORD MINING COMPANY, INC

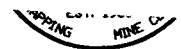
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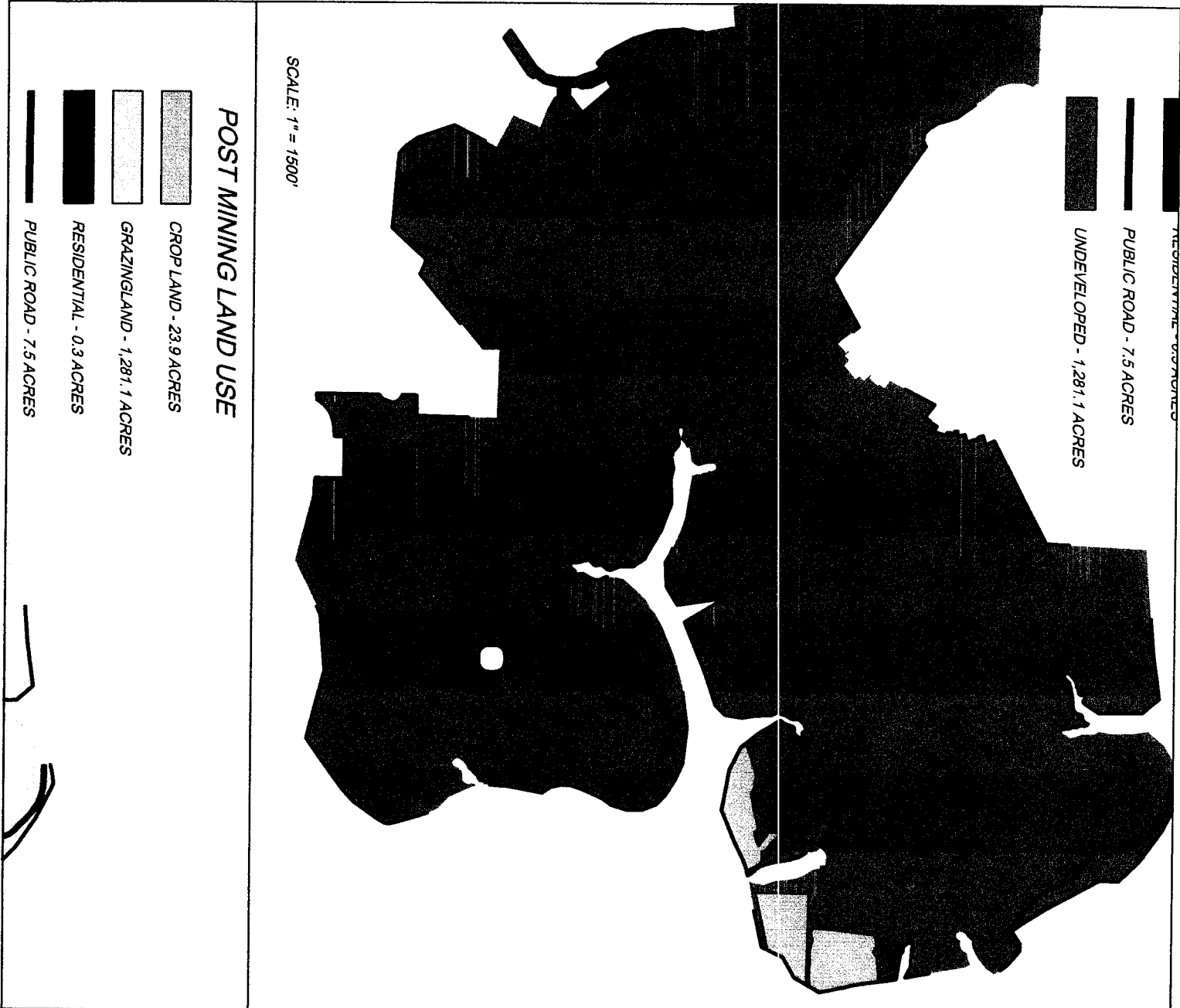
DRAWN BY: CJW

SCALE: 1" = 400'



Figure 23 of 31





WD-4	W	
WD-5	W	
WD-6	W	
WD-7	W	
WD-8	W	
WD-9	W	
WD-10	W	
WD-11	W	
WD-12	W	
WD-13	W	
WD-14	W	
WD-15	W	
WD-16	W	
WD-17	W	
WD-18	W	
WD-19	W	
WD-20	W	
WD-21	W	
WD-22	W	
WD-23	W	
WD-24	W	
WD-25	W	
WD-26	W	
WD-27	W	
WD-28	W	
WD-29	W	
WD-31	W	
WD-32	W	
WD-33	W	

SHEET TITLE: **APPLICATION MAP**

PROJECT NAME: **PEABODY 3**

COMPANY NAME: **OXFORD MINING COMPANY, INC**

DATE: 7/6/06

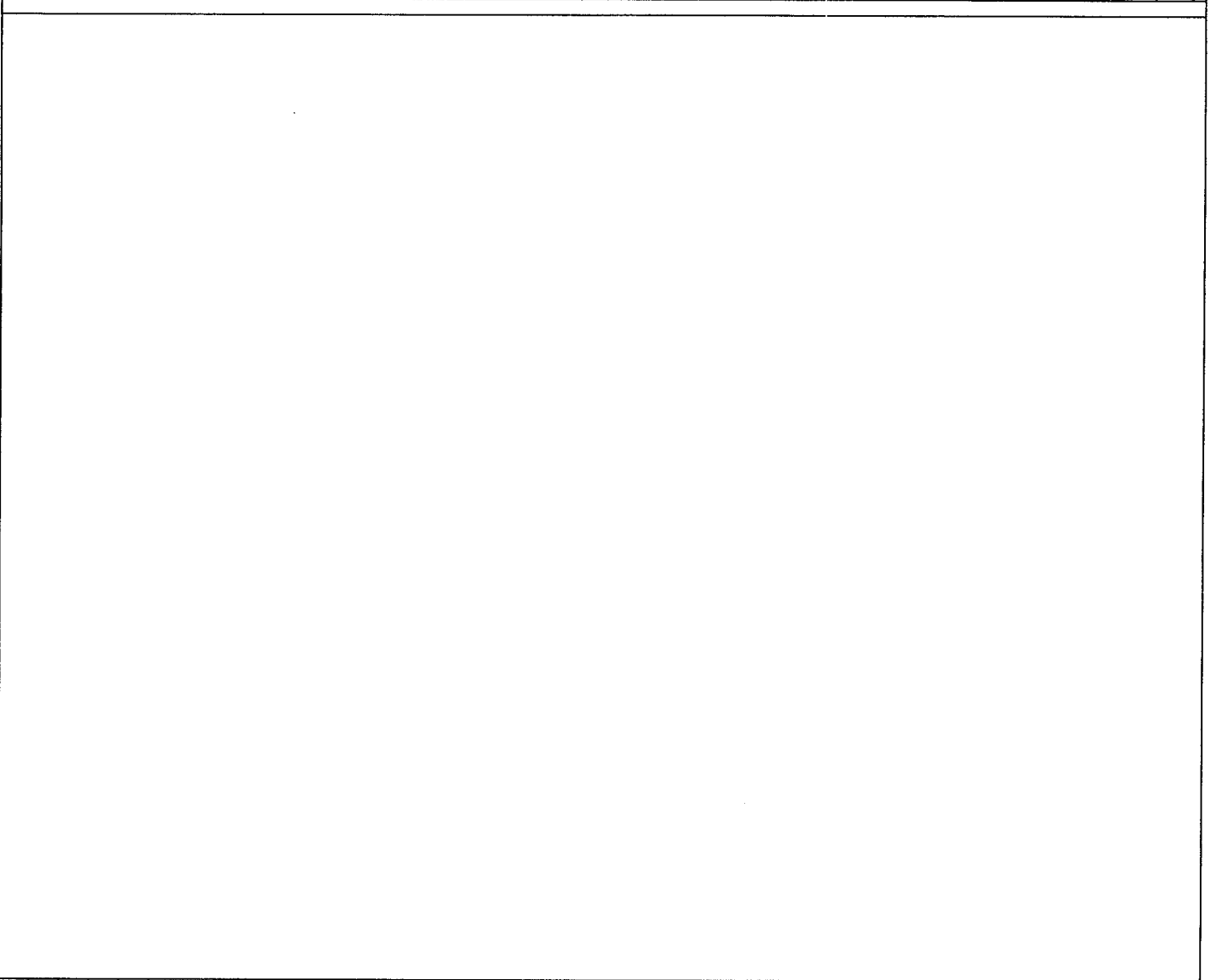
DRAWN BY: CJW

SCALE: 1" = 400'

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

Figure 24 of 31

WL-4	1.76
WL-5	0.35
WL-6	0.39
WL-7	1.10
WL-8	0.19
WL-9	5.73
WL-10	1.47
WL-11	0.21
WL-12	0.33
WL-13	0.15
WL-14	0.23
WL-15	0.52
WL-16	0.22
WL-17	0.15
WL-18	0.08
WL-19	0.21
WL-20	1.06
WL-21	1.42
WL-22	0.20
WL-23	0.45
WL-24	0.08
WL-25	0.14
WL-26	0.14
WL-27	0.09
WL-28	0.56
WL-29	0.50
WL-31	0.47
WL-32	0.19
WL-33	0.56



A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:		DATE: 7/6/06
APPLICATION MAP		DRAWN BY: CJW
PROJECT NAME:		SCALE: 1" = 400'
PEABODY 3		
COMPANY NAME:		
OXFORD MINING COMPANY, INC		

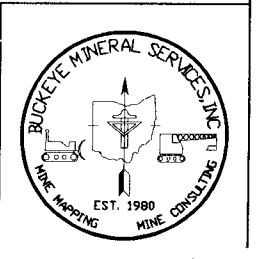
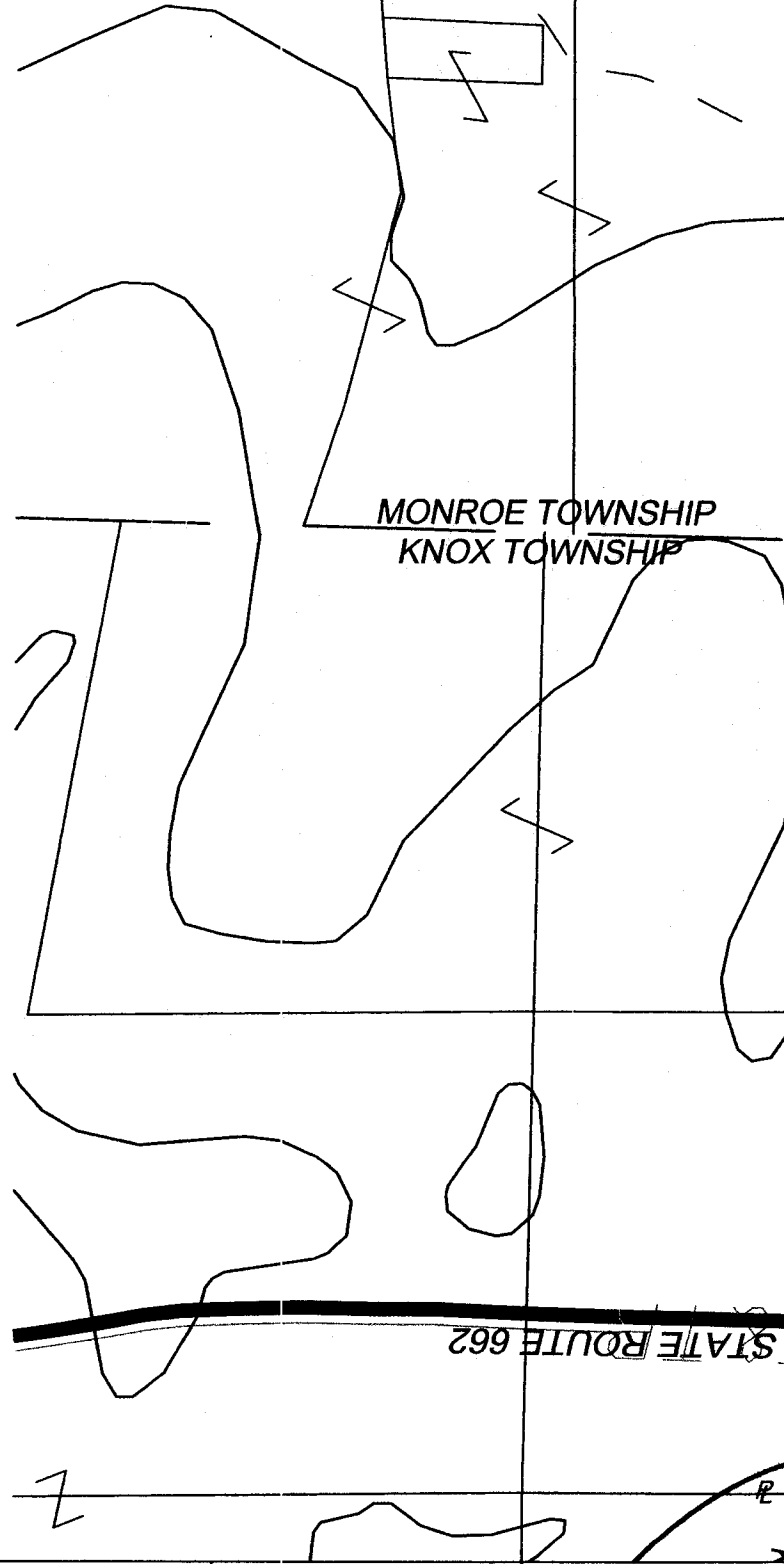


Figure 25 of 31

The map shows the Humber and Lincolnshire Coast (HLC) area. The coastline is marked with a dashed line. Three sites are labeled 'HLC (S)'. The map includes a grid of latitude and longitude lines. The coastline is marked with a dashed line, and the HLC (S) sites are labeled with 'HLC (S)'.

Figure 26 of 31

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD



Y	S	M	G	A
Z	T	N	H	B
AA	U	O	I	C
BB	V	P	J	D
CC	W	Q	K	E
DD	X	R	L	F

SHEET TITLE:
APPLICATION MAP

PROJECT NAME:
PEABODY 3

COMPANY NAME:
OXFORD MINING COMPANY, INC

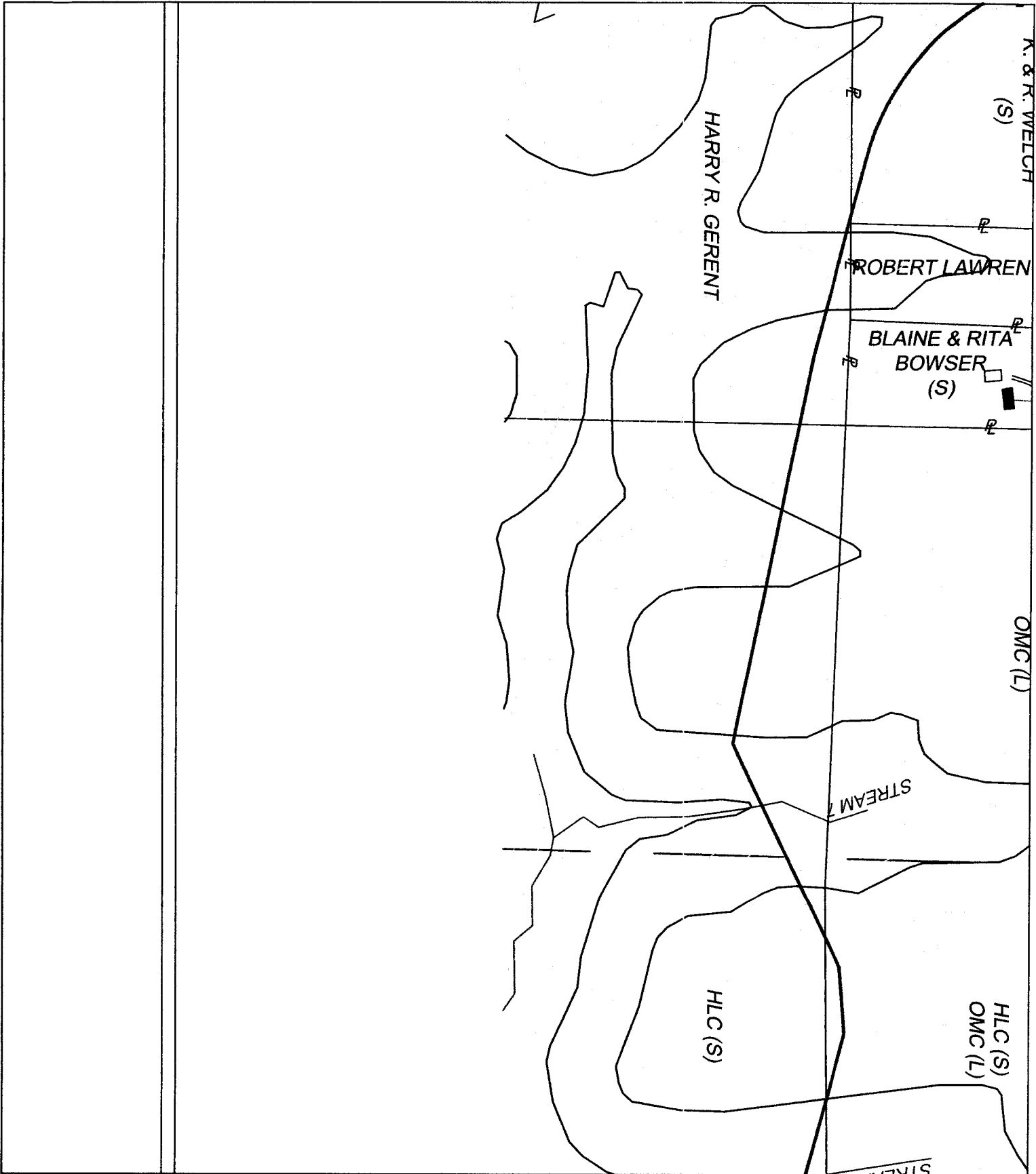
DATE: 7/6/06

DRAWN BY: CJW

SCALE: 1" = 400'



Figure 27 of 31



A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE: APPLICATION MAP	
PROJECT NAME: PEABODY 3	
COMPANY NAME: OXFORD MINING COMPANY, INC	

DATE: 7/6/06
DRAWN BY: CJW
SCALE: 1" = 400'

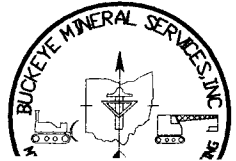
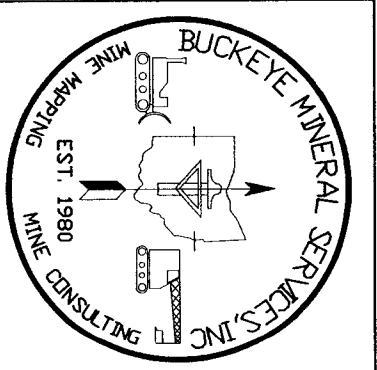
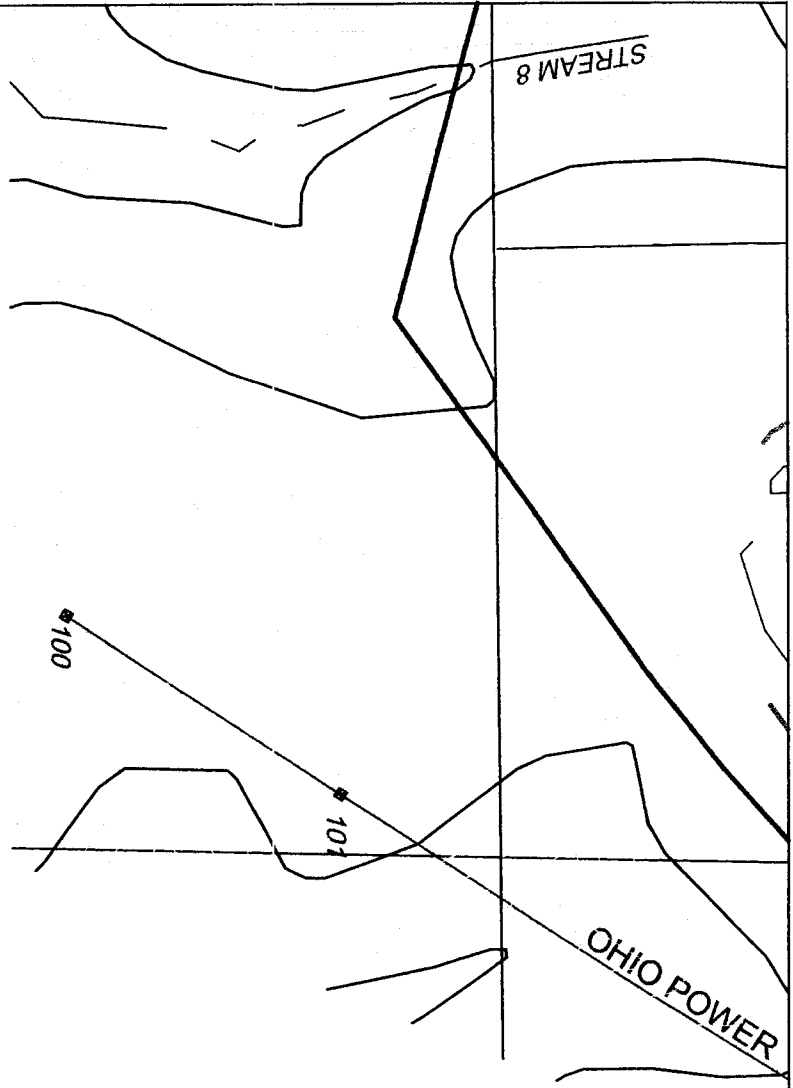


Figure 28 of 31



A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE:		DATE: 7/6/06
PROJECT NAME:		DRAWN BY: CJW
COMPANY NAME:		SCALE: 1" = 400'
APPLICATION MAP PEABODY 3 OXFORD MINING COMPANY, INC		

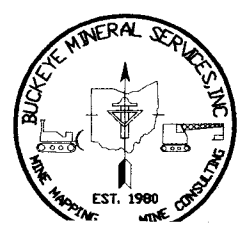
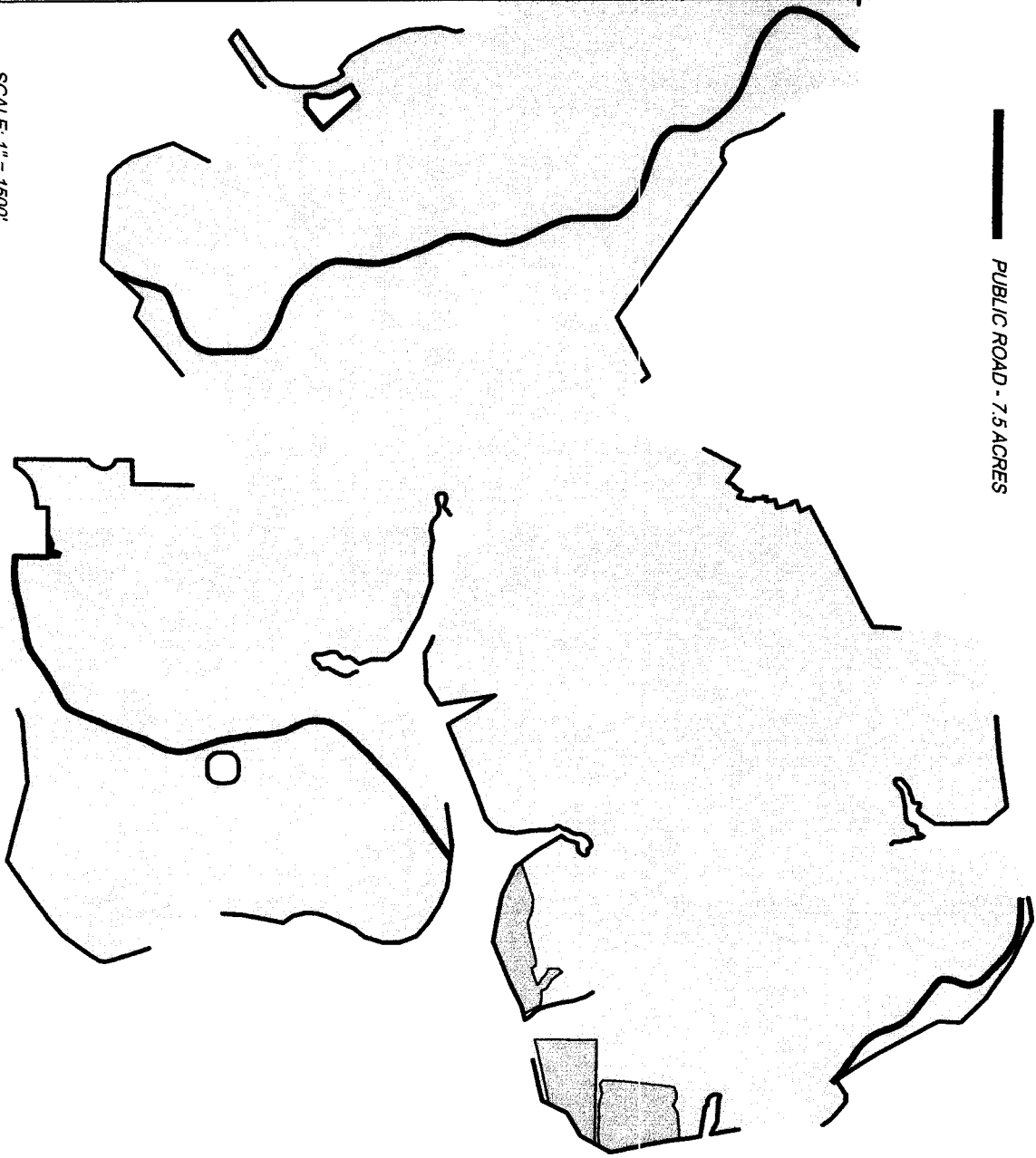


Figure 29 of 31

RESIDENTIAL - 0.3 ACRES

PUBLIC ROAD - 7.5 ACRES

SCALE: 1" = 1500'



APPLICATION/HYDRO PREPARED BY BUCKEYE MINERAL SERVICES, INC. BOX 546 NEW PHILADELPHIA, OHIO 44663		UNDE CALL 1-800-444-4444 OHIO UT MUS
OXFORD MINING		
SECTIONS: 20 & 21 LOTS: 13, 14, 15, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, 33, 34, 35 COUNTY: COSHOCOTON		
SECTION: 1 COUNTY: MUSKINGUM		
SECTIONS: 4 & 5 COUNTY: GUERNSEY		
JOB NAME PEABODY 3	APPLICATION No. 10315	SCALE 1"=400'

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

SHEET TITLE: APPLICATION MAP	DATE: 7/6/06
PROJECT NAME: PEABODY 3	DRAWN BY: CJW
COMPANY NAME: OXFORD MINING COMPANY, INC	SCALE: 1" = 400'

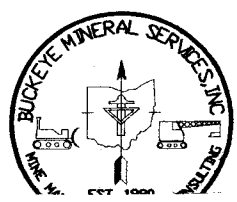
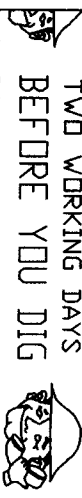



Figure 30 of 31

DATE: 07/06		U.S.C.O.	
DERGROUND UTILITIES			
			
TWO WORKING DAYS 1-800-362-2764 (TOLL FREE) UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECTLY			
ROLOGY MAP PERMIT NO.			
ED BY			
L SERVICES, INC.			
ADELPHIA, OHIO			
for			
NG COMPANY, INC.			
(T-4N)(R-5W) TWP: LINTON			
(T-4N)(R-4W) TWP: LINTON			
STATE: OHIO			
(T-3N)(R-5W) TWP: MONROE			
STATE: OHIO			
(T-3N)(R-4W) TWP: KNOX			
STATE: OHIO			
DATE	DATE	DATE	DATE
INTERVAL	PREPARED	REVISED	
0'	20'	3/29/05	12/30/05

SHEET TITLE:												DATE: 7/6/06		
APPLICATION MAP												DRAWN BY: CJW		
PROJECT NAME:												SCALE: 1" = 400'		
PEABODY 3												COMPANY NAME:		
OXFORD MINING COMPANY, INC														

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	AA	BB	CC	DD

Figure 31 of 31